



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

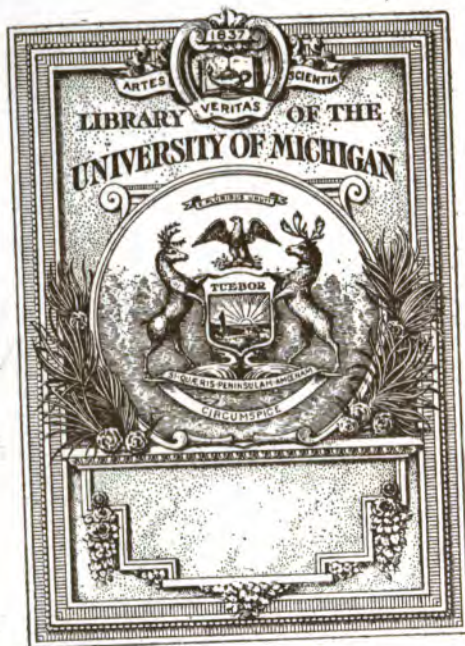
Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

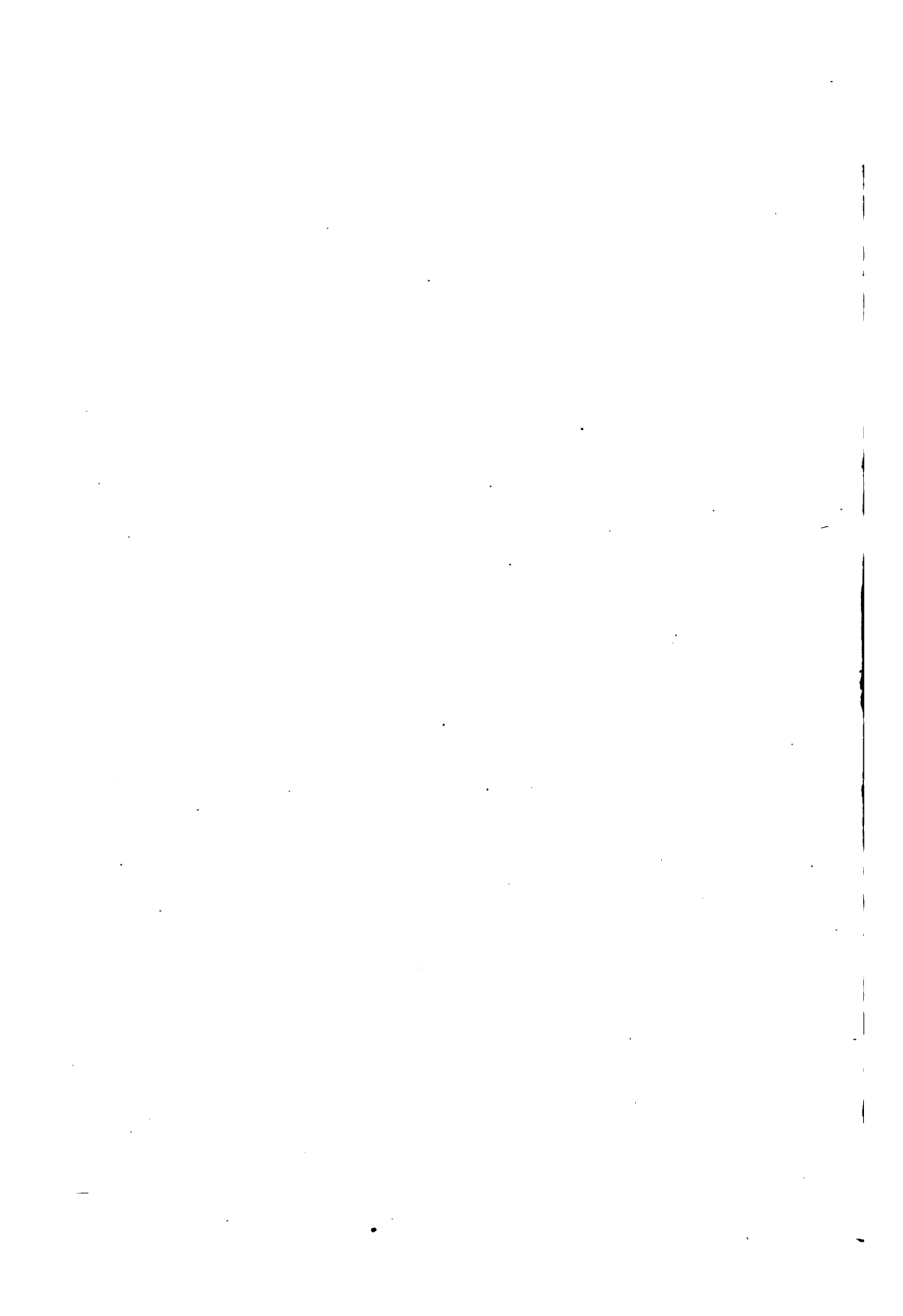
- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>



THE GIFT OF
Mich. Pub. Utilities Com



HE
2709
MS
A2

FIRST
ANNUAL REPORT
OF THE
Michigan Public Utilities Commission
FOR THE
YEAR ENDING DECEMBER 31, 1919.

COMPILATIONS FROM RAILROAD RETURNS ARE FOR THE YEAR ENDING
DECEMBER 31, 1918.



BY AUTHORITY.

LANSING, MICHIGAN
WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS
1921

Mich. Pub. Utilities Comm.

ft

9-8-1925.

MICHIGAN RAILROAD COMMISSION.

January 1, 1919, to May 15, 1919.

Addison A. Keiser, Chairman.....	Ludington
Chas. S. Cunningham.....	Detroit
Cassius L. Glasgow.....	Nashville
Will H. Brunson, Secretary.....	St. Johns
M. L. Munson, Chief Clerk.....	Nashville
James Bice, Inspecting Engineer.....	Marquette
Edmund A. Calkins, Statistician.....	Mason

MICHIGAN PUBLIC UTILITIES COMMISSION

May 16, 1919, to December 31, 1919.

William M. Smith, Chairman.....	St. Johns
William W. Potter.....	Hastings
Sherman T. Handy.....	Sault Ste. Marie
Samuel Odell.....	Shelby
Earl R. Stewart.....	Grand Rapids
Will H. Brunson, Secretary.....	St. Johns
M. L. Munson, Chief Clerk.....	Nashville
James Bice, Inspecting Engineer.....	Marquette
F. R. Harris, Valuation Engineer.....	Lansing
Edmund A. Calkins, Statistician.....	Mason
Geo. D. Remer, Electrical Engineer.....	Lansing
Joseph K. Pettengill, Gas Engineer.....	Lansing

Office of the Commission, Lansing.

NOTICE.

ORDERS AND OPINIONS.

Previous to the annual report for 1912, it had been the custom of the Commission to include in its annual reports those opinions and orders issued in contested cases in which formal complaint had been made. However, as the jurisdiction of the Commission has been much extended in recent years and the cases disposed of have been more numerous, of much greater import and more immediate application to the commercial interests of the State, it was deemed proper by the Commission to publish them in a separate volume. Consequently, since April 1, 1912, all orders and opinions of the Commission have been omitted from the annual reports. These volumes of Orders and Opinions are distributed to the public at the nominal price of \$1.50 for paper binding and \$2.50 for leather binding.

FIRST ANNUAL REPORT OF THE MICHIGAN PUBLIC UTILITIES COMMISSION.

(Including report of Michigan Railroad Commission for time between January 1, 1919, and May 15, 1919, inclusive, and of Michigan Public Utilities Commission from May 16, 1919, to December 31, 1919, inclusive.)

To His Excellency, Honorable Albert E. Sleeper, Governor.

Esteemed Sir:—The Michigan Public Utilities Commission herewith begs to submit its First Annual Report. Of necessity that report covers the activities of the Michigan Railroad Commission for that part of the year 1919 beginning January 1, 1919, and ending May 15, 1919, and also covers the activities of the Michigan Public Utilities Commission for the remainder of the year 1919.

The Michigan Public Utilities Commission was created by Act 419 of the Public Acts of Michigan for the year 1919, which took effect on May 16, 1919, and which act reads as follows:

“An act to provide for the regulation and control of certain public utilities operated within this State; to create a public utilities commission and to define the powers and duties thereof; to abolish the Michigan Railroad Commission and to confer the powers and duties thereof on the commission hereby created; to provide for the transfer and completion of matters and proceedings now pending before said Railroad Commission; and to prescribe penalties for violations of the provisions hereof.

“The People of the State of Michigan enact:

“Section 1. A commission to be known and designated as the “Michigan Public Utilities Commission,” to be composed of five members is hereby created. Immediately upon the taking effect of this act said members shall be appointed by the Governor for terms of four years each, subject to confirmation by the Senate. Upon the expiration of said terms successors shall be appointed in like manner for terms of four years each and until their successors are appointed and qualified. Vacancies shall be filled in the same manner as is provided for appointment in the first instance. No member of said commission shall be pecuniarily interested in any public utility subject to the jurisdiction and control of the commission. Said commission shall adopt a suitable seal of which all courts of the State shall take judicial notice and all proceedings, orders and decrees shall be authenticated thereby. It shall be the duty of the Board of State Auditors to provide suitable offices, supplies and equipment for said commission in the city of Lansing, the expense thereof to be audited, allowed and paid in such manner as is or may be provided by law for the payment of other necessary State expenses.

“Sec. 2. Said commission shall have power to appoint a secretary and such clerks, assistants, inspectors and other employes as shall be necessary for the proper exercise of the powers hereby granted. Each member of the

commission shall receive an annual salary of seven thousand dollars payable in the same manner as are the salaries of other State officials. Any appropriation made for the Michigan Railroad Commission shall be received by the commission hereby created and used for the purpose of carrying out the provisions of this act. Any amounts of salaries of commissioners in excess of the amount appropriated for the Michigan Railroad Commission shall be paid out of the general fund of the State. The commission shall have authority to employ engineers and experts in public utility matters, and to fix the compensation for their services, and the same shall be paid out of the general fund of the State in the same manner as the salaries of other State officers are paid. The members of said commission and the employees thereof as aforesaid, shall be entitled to their reasonable expenses incurred while traveling in the performance of the work of the commission. Each such employee shall perform such duties as may be required by the commission.

"Sec. 3. Immediately upon the taking effect of this act, the Michigan Railroad Commission shall cease to exist and the tenure of office of the members thereof shall be at once terminated. All the rights, powers and duties now vested by law in said Railroad Commission shall be deemed to be transferred to and vested in said Public Utilities Commission and shall be exercised and performed thereby, except as herein otherwise provided. All hearings, matters and proceedings of whatsoever nature now pending before said Railroad Commission shall not be terminated or abated, but shall be transferred to said Public Utilities Commission and shall be carried on and completed in the same manner and subject to the same incidents as though such transfer were not made. Said Utilities Commission shall have and exercise the same measure of jurisdiction in all respects as is now held and exercised by the Michigan Railroad Commission under the laws of the State pertaining thereto; and wherever reference is made in such law to the 'commission' or to the 'Michigan Railroad Commission,' such reference shall be construed to mean the Public Utilities Commission herein provided for.

"Sec. 4. In addition to the rights, powers and duties vested in and imposed on said commission by the preceding section, its jurisdiction shall be deemed to extend to and include the control and regulation, including the fixing of rates and charges, of all public utilities within this State producing, transmitting, delivering or furnishing gas for heating or lighting purposes for the public use. Subject to the provisions of this act the said commission shall have the same measure of authority with reference to such utilities as is granted and conferred with respect to railroads and railroad companies under the various provisions of the statutes creating the Michigan Railroad Commission and defining its powers and duties. The power and authority granted by this act shall not extend to, or include, any power of regulation or control of any municipally owned utility; and it shall be the duty of the said commission on the request of any city or village to give advice and render such assistance as may be reasonable and expedient with respect to the operation of any utility owned and operated by such city or village. In no case shall the commission have power to change or alter the rates or charges fixed in, or regulated by, any franchise or agreement heretofore or hereafter granted or made by any city, village or township. It shall be competent for any municipality and any public utility operating within the limits of said municipality, whether such utility is operating under the terms of a franchise or otherwise, to join in submitting to the commission any question involving the fixing or determination of rates or charges, or the

making of rules or conditions of service, and the commission shall thereupon be empowered, and it shall be its duty to make full investigation as to all matters so submitted and to fix and establish such reasonable maximum rates and charges, and prescribe such rules and conditions of service and make such determination and order relative thereto as shall be just and reasonable. Such order when so made shall have like force and effect as other orders made under the provisions of this act. In any case where a franchise under which a utility is, or has been, operated, including street railways shall have heretofore expired or shall hereafter expire, the municipality shall have the right to petition the commission to fix the rates and charges of said utility in accordance with the provisions of this act, or to make complaint as herein provided with reference to any practice, service or regulation of such utility, and thereupon said commission shall have full jurisdiction in the premises.

"Sec. 5. In addition to the reports now required to be made by any public utility under the laws of the State relating to the Michigan Railroad Commission, it shall be competent for the Public Utilities Commission to require the making of such additional and further reports and the supplying of such data as is reasonably necessary for the proper performance of the powers and duties hereby contemplated. Any report required to be made by a utility operated and controlled by a corporation, joint stock company or association shall be verified by the affidavit of the president and secretary thereof. In all other cases such verification shall be made by the owner, or one of them, or by the general manager. Said commission shall have power and authority to make, adopt and enforce rules and regulations for the conduct of its business and the proper discharge of its functions hereunder, and all persons dealing with the commission or interested in any matter or proceeding pending before it shall be bound by such rules and regulations. The commission shall also have authority to make and prescribe regulations for the conducting of the business of public utilities, subject to the jurisdiction thereof, and it shall be the duty of every corporation, joint stock company, association or individual owning, managing or operating any such utility to obey such rules and regulations. Any such corporation, joint stock company, association or individual refusing or neglecting so to do, or refusing or neglecting to make any report required hereunder, shall be liable to a penalty of not less than one hundred dollars nor more than one thousand dollars; and the officer or individual in default shall also be deemed to be guilty of a misdemeanor and upon conviction thereof shall be subject to a fine of not less than ten dollars nor more than one thousand dollars, or to imprisonment in the county jail not more than six months, or both such fine and imprisonment in the discretion of the court.

"Sec. 6. Said commission shall have authority to examine, or cause to be examined, the books, accounts and records kept on behalf of any public utility subject to the jurisdiction thereof. For the purpose of making such examination any member of the commission or any examiner or employee thereof shall be given free and full access to said books, accounts and records. Any person, or persons, in any way preventing or obstructing such examination or interfering with the person or persons authorized to make the same shall be deemed guilty of a misdemeanor. It shall also be competent for the commission to require by order or subpoena, which may be served in the same manner as is a subpoena issued out of the circuit court, the production of any books, papers or records relating to the operating or management of any such utility. The owner or manager or the officers of any corporation, company, or association, owning or operating any such utility, may likewise

be summoned to appear before the commission to answer such questions as may be put to him touching the operation and business of such utility. Neglect or refusal to obey any such order or subpoena or refusal to so testify shall render the person or persons in default guilty of a misdemeanor. Said commission may also apply to any circuit court of the State for compulsory process to enforce any such order or subpoena, and said court shall have jurisdiction to compel obedience in the same manner as compliance with an order of the court might be enforced under the laws of the State pertaining thereto.

"Sec. 7. Any corporation, joint stock company, association or individual operating a public utility within this State subject to the provisions hereof shall have and maintain an office within the county in which the property, or some portion of it, is located. All books, accounts, papers and records pertaining to the business and operation of such utility shall be kept in said office, unless the commission by special order or by rule or regulation may otherwise provide. Schedules of rates in such form and in such detail as the commission may direct shall be filed in the office of the commission and copies thereof shall be printed and posted in each of the principal offices of the utility. No such schedule shall be operative unless and until it has been approved by the commission; nor shall any change be made therein except on such approval. The commission may adopt rules and regulations governing the presentation of such schedules and desired changes, and action thereon, and shall have full authority to regulate the procedure to be observed.

"Sec. 8. Upon complaint in writing that any rate, classification, regulation or practice charged, made or observed by any public utility is unjust, inaccurate, or improper, to the prejudice of the complainant, the commission shall proceed to investigate the matter. The procedure to be followed in all such cases shall be prescribed by rule of the commission: Provided, however, That in all cases reasonable notice shall be given to the parties concerned as to the time and place of hearing. An investigation of any such complaint, and the formal hearing thereon, if such is deemed necessary, may be held at any place within the State and by any member or members of the commission, or by any duly authorized representative thereof. Witnesses may be summoned and the production of books, and records before the commission, or the member, or any duly authorized representative thereof conducting the hearing, may be required. Any witness summoned to appear or to produce papers at any such hearing, who neglects or refuses so to do shall be deemed guilty of a contempt. It shall be competent for the commission in any such case to make application to any circuit court of the State setting forth the facts of the matter. Thereupon said court shall have the same power and authority to punish for the contempt and to compel obedience to the subpoena or order of the commission as though such person were in contempt of such court or had neglected or refused to obey its lawful order or process. The taking of testimony at such hearing shall be governed by the rules of the commission: Provided, That at the request of either party a record of such testimony shall be taken and preserved. Upon the completion of any such hearing, the commission shall have authority to make an order or decree dismissing the complaint or directing that the rate, charge, practice or other matter complained of, shall be removed, modified or altered, as the commission deems just, equitable and in accordance with the rights of the parties concerned. For attending on any such hearing, any witness summoned by the commission shall be entitled to the same fees as are, or may be, provided by law for attending the circuit court in any civil matter

or proceedings, which said fees shall be paid out of the general fund in the treasury of the State. All claims for such fees shall be approved by the secretary, or by some member of the commission, and shall be audited and allowed by the Board of State Auditors.

"Sec. 9. Any order or decree shall be subject to review in the manner now provided by law for reviewing orders and decrees of the Michigan Railroad Commission. In no case, however, shall any injunction or other order issue suspending or staying any decree or order of the commission except after due notice to the commission and a reasonable opportunity for hearing thereon.

"Sec. 10. Nothing herein contained shall be deemed to confer upon any corporation, joint stock company, association, or individuals any rights or privileges whatsoever of a determinate or of an indeterminate nature with respect to the use and enjoyment of franchises or the use and occupation of any street, highway or alley within the State.

"Sec. 11. Whenever any stocks, bonds, notes or other evidences of indebtedness are authorized by the commission to be issued in accordance with any law of this State, the party or parties upon whose application said securities are authorized shall before the issuance or sale of said securities, pay into the treasury of the State of Michigan a sum equal to one-tenth of one per cent of the face value of the securities so authorized; the sum so paid not to be less than fifty dollars in any case: Provided, however, That where the property upon which such stocks, bonds, notes or other securities are authorized to be issued, is located partly within and partly without the State of Michigan, then said fee shall be computed only in such an amount and on such proportion of the entire issue, as the amount of the property of such applicant actually located within the State of Michigan, bears to the total amount of the property upon which such securities are issued.

"Sec. 12. This act is hereby declared immediately necessary for the preservation of the public peace, health and safety.

"This act is ordered to take immediate effect."

Immediately upon the taking effect of the above quoted act the Michigan Public Utilities Commission organized and took over all of the employes of the abolished Michigan Railroad Commission and began the performance of its duties under the act creating it. At the time it organized it was domiciled in the Oakland Building, but soon after the adjournment of the 1919 Legislature it, by permission of the Board of State Auditors, changed its offices to the Committee Rooms of the House of Representatives, using the hall of the House of Representatives as a hearing room. It has remained at that location during all the year 1919 and expects to move from those rooms to the new State Office Building some time in the year 1920.

The tables following this prefatory statement contain something of an analysis of the work done by the Michigan Railroad Commission during the year up to and including May 15, and by the Michigan Public Utilities Commission during the remainder of the year 1919. It has been thought best not to attempt to change the general form of the annual report at this time, but to generally follow the form of report heretofore annually made by the Michigan Railroad Commission. The information following this statement is self-explanatory. Much of it is in a way merely historical. Owing to the matter which must be contained in the report, it is impossible to get it out with what would appear to be desirable promptness. It is the intention of the Commission to at the close of the year 1920 prepare a report to the

Governor and the 1921 Legislature containing an analysis of the work of the Commission from the time of its creation on May 16, 1919, to the end of the year 1920. It is not expected in that report to follow any set forms, but it is the intention of the Commission to put it up in such a way as to give the Governor and the Legislature an easily understood view of the work of the Commission covering the period mentioned. It may be of interest to here state without going into detail a few of the matters that occupied the attention of the Commission during the period beginning May 16, 1919, and ending December 31, 1919. They are as follows:

1. During that time the Commission authorized the issuance of capital securities by public utility corporations under the provisions of Act 144 of 1909 to the amount of . . . \$24,854,204.98

2. Said corporations paid as fees to the State under the provisions of Section 11 of Act 419 of 1919 the sum of . . . 6,149.47

3. The Commission upon the insistent demand of the people of the State generally began the inventory and appraisal of all of the property, and the audit of all of the books of the Michigan State Telephone Company. This work is now in progress.

4. During 1914 and 1915 the property of the Detroit United Railway was inventoried and appraised by Professor Mortimer E. Cooley and associates under an order of the Michigan Railroad Commission. In July, 1919, that Company applied to the Michigan Public Utilities Commission for authority to have the inventory and appraisal brought down to date by the same engineers, which work is now in progress.

5. Under the provisions of Act 419 of 1919, the regulation of three gas utilities has been transferred to the Commission by joint action of the municipalities and utilities interested. Said gas companies are as follows:

The Holland Gas Works, submitted to the Commission on June 30, 1919;

The Allegan County Gas Company, submitted to the Commission on October 27, 1919;

The Muskegon Traction and Lighting Company (Gas Department), submitted to the Commission on December 17, 1919.

The Commission is now engaged in an inventory, appraisal and audit of all of said gas utilities. It appears that within a very short time quite a number of other gas utilities will be transferred to this Commission for regulation.

6. Hundreds of hearings were held and orders made in contested matters. The details appear in part in the tables following this statement.

The limits of the jurisdiction of the Commission over most of the railroad companies and also a great many of the telephone companies during 1919 has been rather uncertain owing to the fact that they were taken over by the United States Government during the great war, and considerable difference of views and litigation resulted over the degree of supervision remaining in the Michigan Public Utilities Commission. The telephone companies were, however, released by the United States Government and turned back to their owners on August 1, 1919, and it appears to be quite probable that the railroads will be likewise returned soon after the beginning of 1920.

Upon making a study of the public utilities of Michigan over which the Commission has been given more or less control, it has appeared to the Commission that the statutes of the State leave much to be desired. The following statement is made for the purpose of setting forth some of the difficulties which have confronted the Commission:

STEAM RAILROAD COMPANIES.

We find that there are 56 steam railroads in the State, operating some 14,000 miles of track, the property of which was assessed by the State Assessors in 1919 at the sum of \$246,445,000. We do not know how near that assessment comes to the actual value of the steam railway property. As you know, the property of all steam railroads is now being appraised under the authority of Congress by the Interstate Commerce Commission, and from all available information the Commission is inclined to believe that the steam railroad property in the State of Michigan will be found by that body to be of a considerably greater value than the above mentioned \$246,445,000.

The regulation of intrastate freight rates in the State is supposed to be under the jurisdiction of the Commission. While the Commission has nothing to do under the law with the fixing of intrastate passenger rates which are fixed directly by the State Legislature, interstate freight and passenger rates are, of course, fixed by the Interstate Commerce Commission under Federal law. How far the Federal Government may interfere with the fixing of intrastate passenger and freight rates in the exercise of its undoubted power to fix interstate passenger and freight rates is a disputed question. It, therefore, appears that the regulation of freight and passenger rates in Michigan is vested in at least three bodies, viz: The Interstate Commerce Commission, the Michigan Public Utilities Commission, and the State Legislature. From the best information we can obtain it appears that the amount of money Michigan, as a whole, paid to the railroads for service during the year 1919 was upwards of \$140,000,000. During the last year or two the cost of labor and material has increased by leaps and bounds. As far as intrastate passenger fares are concerned, they are arbitrarily fixed by the Legislature at so much per mile. This does not take into account the rise and fall of the prices of labor and material in any degree whatsoever. During 1919, the steam railroad Michigan passenger rate per mile has been three cents under an order of the Director General of the United States Railroad Administration. Under these circumstances it is inevitable that much uncertainty and confusion must exist in the steam railway business in the State. We have called attention to but a few of the difficulties that appear to confront the transportation industry as far as steam railroads are concerned.

ELECTRIC RAILWAYS.

The confusion as to the regulation of electric railways is as marked as that which exists with reference to steam railways. The Legislature fixes directly the passenger fares on electric interurban railways. The foregoing sentence is but partly true because of the fact that in a good many cases local municipalities claim the right to fix their own passenger fare rates by franchise given to the electric interurbans.

The regulation of electric interurban freight rates rests with the Michigan Public Utilities Commission.

The regulation of street railway fares of electric railways in cities is claimed

to be under the control of the common councils or commissions of the various cities. Some of the city rates of fare are arbitrarily fixed in franchises given years ago, and where that is true, no account is taken of the rise and fall of prices of labor and material. Most of the electric railways of Michigan operate in many different municipalities. One municipality fixes one rate, another municipality another rate, etc. Sometimes it appears a municipality fixes too low a rate on the theory that the electric railway will be able to make up the loss in some other municipality. According to our best information, the amount of money invested in the 27 electric railways in the State of Michigan is probably close to \$140,000,000, and in the year 1919 the people paid to those railways something like \$35,000,000. With an industry of that magnitude it would appear that the State should enact legislation looking to some more scientific, fair and logical regulation. During the year 1919, the Muskegon Traction and Lighting Company was by action of the owners of the railway and the cities of Muskegon and Muskegon Heights turned over to the Commission for regulation. It will be necessary to inventory and appraise that property and audit its financial records. The Houghton County Traction Company was also placed under the jurisdiction of the Commission in part. That electric railway operates in a good many municipalities. While two of them have turned over the regulation of the affairs of the corporation to the Commission under the provisions of Act 419 of 1919, the other municipalities have not done so. It will be readily seen that anything like fair, just and equitable regulation is impossible under such circumstances.

ELECTRIC LIGHT AND POWER UTILITIES.

Under Act 106 of 1909 the Commission is given certain jurisdiction over electric light and power utilities. There are in the State some 140 such utilities with a total investment of something like \$150,000,000. Many of said electric utilities operate in many different municipalities. Several of them at least operate in hundreds of different municipalities. While under Act 106 of 1909 and Act 419 of 1919, the Commission has certain regulatory power over said utilities, yet franchise rates for electric light and power are in existence in many of the municipalities. These franchise rates were arbitrarily fixed at some time and most of them take no note of the rise and fall of prices of labor and material. In some instances city councils and commissions permit the changing of the franchise rate in order to meet varying conditions of service. In other municipalities councils and commissions refuse to permit the raising of the franchise rate evidently upon the theory that any loss sustained by the utility in that particular municipality can be made up by it in some other municipality. It will be readily seen that there can be no systematic, efficient or businesslike regulation of an electric light and power utility when the fixing of the rates that may be charged by that utility may rest in a dozen different bodies. As nearly as the Commission can ascertain, the amount of money paid by Michigan people for electric light and power during the year 1919 was something like \$29,000,000. An industry with property interests of probably \$150,000,000 and annual revenues of in the neighborhood of \$30,000,000 is of sufficient importance so that

the State should enact regulatory laws which would remove the uncertainty, unfairness and discrimination that now exists throughout the State.

GAS UTILITIES.

There are in Michigan 56 privately owned gas utilities, with an investment of probably something like \$56,000,000. Many of these utilities operate in a number of different municipalities although the gas industry is probably the most nearly local of any important public utility. Most of the rates for gas, however, are fixed by franchise. The rate fixed was, therefore, an arbitrary one which took no note of the rise and fall of prices. A price for gas per thousand cubic feet that might be fair at one time would be far too low at another time and far too high at some other time. As nearly as the Commission can ascertain, the people of the State of Michigan paid for gas during the year 1919 something like \$16,000,000. Some of the gas companies of the State have franchises which contain rates permitting them to charge \$2, \$3, or even \$4 for a thousand cubic feet of gas. Others have franchises which limit the rate per thousand cubic feet to 80 cents or 90 cents. The result is that there is no regularity or uniformity in either rates or rules or conditions of service. Where gas companies serve a number of different municipalities they are in certain of them held to a low rate in the apparent hope that the company can make up its deficit by imposing a high rate in other municipalities. The present statutes relating to the regulation of the gas industry leave much to be desired.

TELEPHONE UTILITIES.

With very few exceptions, all telephone rates are under the jurisdiction of the Michigan Public Utilities Commission. There are in the State some 250 telephone companies of some size and about 900 other very small rural companies. While it is very difficult to approximate the total investment in the business it would appear that the total investment in telephone property in the State would be upwards of \$60,000,000, and that the people of the State annually pay in the neighborhood of \$25,000,000 for telephone service. The industry has grown very rapidly. The confusion resulting from the taking over of the telephone lines by the United States Government during the great war seriously interfered with the regulatory work of the Commission during that time. It is believed, however, that the laws of the State relating to the regulation of the telephone industry are in more satisfactory condition than those relating to the regulation of any other important public utility industry.

For the reasons above stated the work of the Commission has been rather unsatisfactory during the year 1919, but the year 1920 promises to furnish a large amount of work. It would seem as though the next session of the Legislature should remedy some of the evils suggested by the imperfections

in the various laws regulating public utilities. It is possible that further reference may be made to them in next year's report.

All of which is respectfully submitted.

MICHIGAN PUBLIC UTILITIES COMMISSION,

WILLIAM M. SMITH,
Chairman.

Commissioners.

WILLIAM W. POTTER,
SHERMAN T. HANDY,
SAMUEL ODELL,
EARL R. STEWART.

NEW CONSTRUCTION.

During the year 1919 the United States Railroad Administration operated all roads in Classes A and B. Practically all the extensions made during the year consisted of side and yard tracks.

TABLE SHOWING EXTENSIONS MADE IN 1919.

Railroad.	Description of Extension.		Other track.
	From—To.	Miles of road.	
Mineral Range Railroad.....	Round house track.....		88 feet
	S. R. Division.....		600 feet
	Samak.....		400 feet
	Ripley Mill.....		120 feet
Hancock & Calumet Railroad.....			.08 mile
Ann Arbor R. R.....			41.44 miles
Cleveland, Cincinnati, Chicago & St. Louis Ry.....			0.51 mile
Detroit Terminal R. R.....			0.51 mile
Detroit, Toledo & Ironton Railroad.....			0.27 mile
Michigan Central Railroad.....	Siding.....	0.29	41.47
Detroit Manufacturers Railroad.....			0.02 mile
Lansing Manufacturers Railroad.....			0.03 mile
New York Central Railroad.....			3.796 miles
Pere Marquette Railroad.....			7.15 miles
Wabash Railroad.....			5.80 miles
Delray Connecting Railroad.....			1.5 miles
Wyandotte Terminal Railroad.....			0.89 mile
Chicago & Northwestern R. R.....			52.84 miles

RAILROADS ABANDONED.

In the following table is shown the mileage abandoned during the year 1919.

Railroad.	Description of Line.	Date.	Miles.
Michigan Central Railroad Co.....	Haakwood Branch to Bennett Spur.....	Jan. 13, 1919	2.264
Michigan Central Railroad Co.....	Crooked Lake Siding and part of Blue Lake Br..	Feb. 15, 1919	2.314
Michigan Central Railroad Co.....	Ensign and Camp 12 Branches.....	Mar. 6, 1919	.284
Michigan Central Railroad Co.....	Blanchard Branch.....	July 1, 1919	2.171
Michigan Central Railroad Co.....	Ellie Branch.....	July 14, 1919	.292
Ludington & Northern Railway Co.....	Epworth Hts to N. Bayou, Hamlin Lake, also side track in Ludington.	July 18, 1919	5.93
Michigan Central Railroad Co.....	Camp 14 Branch.....	Sept. 5, 1919	1.451
Michigan Central Railroad Co.....	Patterson Branch.....	Sept. 12, 1919	5.321
Michigan Central Railroad Co.....	Newell Branch, also Reid, Toby and James Spurs	Sept. 18, 1919	4.327
Michigan Central Railroad Co.....	Sturgeon Branch.....	Oct. 2, 1919	1.92

INCORPORATIONS, CONSOLIDATIONS, REORGANIZATIONS
AND CONVEYANCES.

On February 19, 1919, the Commission authorized the incorporation of the Peninsula Telephone Company with authority to issue and sell \$3,000 in capital stock.

On January 29, 1919, upon application of Wm. C. Franz, et al., the Commission approved the articles of association, organizing the Sault Ste. Marie Traction Company, and authorized the issue and sale of \$100,000 capital stock, same to be applied to the purchase of the street railway property of the Trans-St. Mary's Traction Company at receiver's sale February 5, 1919.

On December 12, 1918, T. K. Swingle, et al., made application to incorporate the City Service Cartage Company. This petition was denied, without prejudice, on January 23, 1919.

On February 3, 1919, the Commission authorized the incorporation of the Detroit Motor Bus Company with authority to issue \$5,000 capital stock.

On April 19, 1919, the Commission authorized the incorporation of the Rutland Telephone Company with authority to issue and sell \$700 in stock.

On May 15, 1919, the Commission authorized the sale of the property of the Central Union Telephone Company of Galien, Mich., to the Michigan State Telephone Company at a price not to exceed \$6,431.

On April 25, 1919, the Commission authorized the incorporation of the North American Power Company with authority to issue \$50,000 in stock.

On May 6, 1919, the Commission authorized the incorporation of the Beaverton Power Company with authority to issue \$250,000 in stock.

On April 15, 1919, the Commission authorized Geo. W. Mecham, et al., to incorporate for the purpose of acquiring, taking over, continuing, operating and managing a railroad already in existence and owned and operated by the Michigan Railway Company. The new corporation takes the name of Michigan Railroad Company and is organized with a capital stock of \$5,000,000.

On May 19, 1919, the Commission authorized the incorporation of the Houghton County Bus Company.

On December 15, 1919, the Commission authorized the incorporation of the Loretto Light and Power Company of Loretto, Mich.

On June 19, 1919, Marcus Hoyt, et al., made application to the Commission for authority to incorporate the Leelanau Transit Company and to issue stock to the amount of \$100,000 and to apply the proceeds of same to the construction of the proposed line of railroad as follows: from Hatch's Crossing in Leelanau County to Northport in Leelanau County, with two-fifths of a mile in Traverse City in Grand Traverse County, through Leelanau and Grand Traverse Counties, having a total length of 24.04 miles.

On June 17, 1919, the Commission authorized the incorporation of the Grosse Ile Transportation Company.

On July 17, 1919, the Commission authorized the incorporation of the Western Michigan Motor Transit Company for the purpose of transporting inter-city freight.

On July 18, 1919, the Commission authorized the incorporation of the Peninsula Transit Company for the purpose of conducting a general transfer business in the County of Marquette.

On July 22, 1919, the Commission authorized the incorporation of the Economy Electric Company.

On August 29, 1919, the Commission authorized the incorporation of the Upper Peninsula Motor Transit Company of Escanaba.

On September 8, 1919, the Commission authorized the incorporation of the Michigan Heat & Power Company.

On September 29, 1919, the Commission authorized the incorporation of the Brant Telephone Company and authorized them to purchase the telephone property of the estate of Orlando D. Wilson, deceased.

On October 2, 1919, the Commission authorized the incorporation of the Henderson Light and Power Company.

On October 6, 1919, the Commission authorized the incorporation of the Blaine-Joyfield Electric Company.

On October 7, 1919, the Commission authorized the incorporation of the Marion Telephone Company.

On October 11, 1919, the Commission authorized the incorporation of the Hudson Taxi Company.

On October 21, 1919, the Commission authorized the incorporation of the Citizens Gas Company of Iron Mountain.

On October 30, 1919, the Commission authorized the incorporation of the Palmer Express and Cartage Company.

On November 10, 1919, the Commission authorized the incorporation of the Blue Ribbon Cartage Company.

On December 15, 1919, the Commission authorized the incorporation of the Crescent Cartage Company.

On December 29, 1919, the Commission authorized the incorporation of the Onsted Telephone Association.

On October 22, 1919, the Commission authorized the Calhoun Gas Company to change its corporate name to Battle Creek Gas Company.

PERTAINING TO QUALIFIED TRAINMEN.

During the year 1919 the following certificates were issued in accordance with the provisions of Act 187, Public Acts of 1911:

Conductors.....	1
Locomotive engineers.....	23
Flagmen.....	27

FREE OR REDUCED RATE TRANSPORTATION.

Certificates issued during the year 1919 to persons actually engaged in securing immigrants under the provisions of Act 74, Public Acts of 1913:

Name.	Residence.	Date of Certificate.
J. Frank Stevens.....	Star City, Mich.....	January 16, 1919
Lukas Stefanie.....	Calumet, Mich.....	February 4, 1919

STATEMENT SHOWING EXPENSES OF THE COMMISSION FROM JANUARY 1, 1919, TO DECEMBER 31, 1919.

	Railroad Commission, January to May.	Public Utilities Commission, June to December.	Total for year 1919.
Personal service.....	\$12,198 69	\$40,675 67	\$52,874 36
Traveling expense.....	104 67	832 83	937 50
General expenses.....	1,990 65	4,764 31	6,754 96
Total.....	\$14,294 01	\$46,272 81	\$60,566 82

During the year 1919 the Commission collected from the sale of railroad maps, certain publications of the Commission, and as miscellaneous fees the following amounts:

Railroad Commission:

January.....	\$56.20
February.....	133.75
March.....	54.10
April.....	36.50

Public Utilities Commission:

May.....	32.20
June.....	37.55
July.....	135.30
August.....	57.82
September.....	18.50
October.....	44.25
November.....	55.25
December.....	99.00

Total for year.....	<u>\$760.42</u>
---------------------	-----------------

**STOCKS, BONDS, NOTES AND OTHER EVIDENCES OF
INDEBTEDNESS AUTHORIZED**

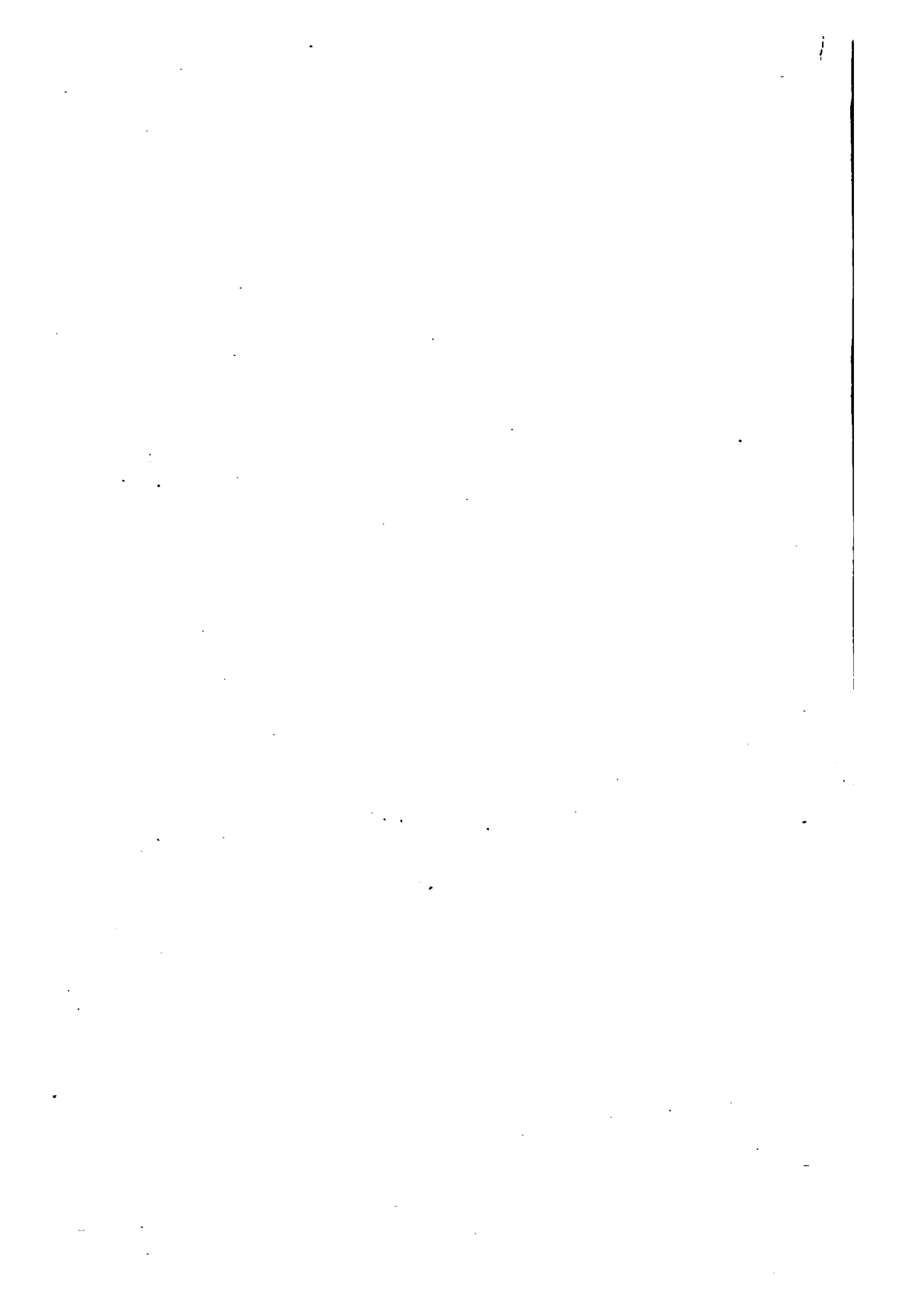
BY THE

MICHIGAN RAILROAD COMMISSION

AND

MICHIGAN PUBLIC UTILITIES COMMISSION

DURING THE YEAR 1919.



MICHIGAN PUBLIC UTILITIES COMMISSION

21

STEAM AND ELECTRIC RAILROADS

Date.	Name of applicant.	Character.	Amount.	Remarks.
Jan. 29	Sault Ste. Marie Traction Co.	Capital Stock	\$100,000 00	Incorporation.
Mar. 14	Muskegon Railway & Navigation Co.	Capital Stock	95,000 00	Incorporation.
Mar. 13		Bonds	400,000 00	
Apr. 15	Michigan Railroad Co.	Capital Stock	3,600 00	Incorporation.
Apr. 25	Michigan Railroad Co.	Capital Stock	3,986,400 00	
		First Mortgage Bonds	4,500,000 00	Incorporation.
		Second Mortgage Bonds	4,000,000 00	
May 13	Grand Rapids Railway Co.	First Mortgage Bonds	2,500,000 00	Incorporation.
		General Mortgage Bonds	1,200,000 00	
May 14	Ann Arbor Railroad Co.	Bonds	594,000 00	Incorporation.
May 14	Ann Arbor Railroad Co.	Collateral Gold Notes	750,000 00	
Mar. 14	Ironwood & Bessemer Ry and Light Co.	Bonds	46,000 00	Incorporation.
June 4	Ironwood & Bessemer Railway & Light Co.	Collateral Gold Notes	294,000 00	
June 16	Leelanau Transit Company.	Capital Stock	100,000 00	Incorporation.
July 1	Cleveland, Cincinnati, Chicago & St. Louis Ry Co.	Refunding and Improvement Mtge Bonds.	20,000,000 00	
Sept. 5	Chicago & Northwestern Railway Co.	Promissory Notes	800,000 00	Increase.
Sept. 12	Detroit, Jackson & Chicago Railway Co.	Bonds	60,000 00	
Sept. 19	Delray Connecting Railroad Co.	Capital Stock	300,000 00	Increase.
Nov. 24	Detroit United Railway	Bonds	50,000 00	
Dec. 29	Michigan United Railways Co.	Bonds	105,000 00	Increase.
Dec. 29	Michigan United Railways Co.	Bonds	15,000 00	
	Total.....		\$39,909,000 00	

ELECTRIC LIGHT, GAS AND POWER COMPANIES.

Date.	Name of applicant.	Character.	Amount.	Remarks.
Mar. 4	Calhoun Gas Co.	Capital Stock	\$187,400 00	Increase.
Mar. 4	Ionia Water Power Electric Co.	Capital Stock	140,000 00	
Feb. 28	Sturgis Gas Co.	Bonds	7,000 00	Increase.
Mar. 28	Grayling Electric Co.	Capital Stock	10,000 00	
Apr. 25	North American Power Co.	Capital Stock	50,000 00	Incorporation.
May 6	Beaverton Power Company.	Capital Stock	200,000 00	
July 15	Peninsular Power Co.	Bonds	75,000 00	Incorporation.
		Preferred Stock	100,000 00	
July 22	Economy Electric Co.	Capital Stock	30,000 00	Incorporation.
Aug. 5	Muskegon Heights Gas Co.	Bonds	65,000 00	
Sept. 8	Michigan Heat & Power Co.	Capital Stock	10,000 00	Increase.
Sept. 18	Frankenmuth Light & Power Co.	Capital Stock	10,040 00	
Oct. 2	Henderson Light & Power Co.	Capital Stock	3,000 00	Incorporation.
Oct. 6	Blaine-Joyfield Electric Co.	Capital Stock	1,500 00	
Oct. 21	Citizens Gas Co. of Iron Mountain.	Capital Stock	50,000 00	Incorporation.
		Bonds	370,000 00	
Oct. 22	Battle Creek Gas Co.	Capital Securities	295,464 98	Incorporation.
Nov. 8	Michigan Gas and Electric Co.	Bonds	40,500 00	
Nov. 17	Easley Light & Power Co.	Bonds	20,000 00	Incorporation.
Dec. 9	Benton Harbor-St. Joseph Gas and Fuel Co.	Bonds	18,700 00	
	Total.....		\$1,683,604 98	

FIRST ANNUAL REPORT

TELEPHONE COMPANIES.

Date.	Name of applicant.	Character.	Amount.	Remarks.
Feb. 19	Peninsula Telephone Co.....	Capital Stock.....	\$3,000 00	Incorporation.
Apr. 15	Rutland Telephone Co.....	Capital Stock.....	700 00	Incorporation.
Apr. 15	Morenci Telephone Co.....	Capital Stock.....	1,000 00	
May 15	Citizens Telephone Co. of Banfield, Mich.....	Capital Stock.....	10,000 00	Incorporation.
Sept. 29	Brant Telephone Co.....	Capital Stock.....	5,000 00	Incorporation.
Oct. 7	Marion Telephone Co.....	Capital Stock.....	5,000 00	Incorporation.
Oct. 24	Morenci Telephone Co.....	Capital Stock.....	3,000 00	
Nov. 3	Crowell Telephone Co.....	Capital Stock.....	5,000 00	
Nov. 18	Sand Creek Telephone Co.....	Capital Stock.....	7,000 00	Increase.
Dec. 29	Onsted Telephone Association.....	Capital Stock.....	5,000 00	Incorporation.
	Total.....		\$44,700 00	

MISCELLANEOUS.

Date.	Name of applicant.	Character.	Amount.	Remarks.
Jan. 14	Broadway Taxicab Co.....	Capital Stock.....	\$1,000 00	Incorporation.
Feb. 3	Detroit Motor Bus Co.....	Capital Stock.....	5,000 00	Incorporation.
Apr. 30	Detroit Motor Bus Co.....	Capital Stock.....	745,000 00	
May 9	Houghton County Bus Co.....	Capital Stock.....	20,000 00	Incorporation.
June 17	Grosse Isle Transportation Co.....	Capital Stock.....	15,000 00	Incorporation.
July 18	Peninsula Transit Co.....	Capital Stock.....	5,000 00	Incorporation.
July 17	Western Michigan Motor Transit Co.....	Capital Stock.....	100,000 00	Incorporation.
Aug. 29	U. P. Motor Transit Co.....	Capital Stock.....	20,000 00	Incorporation.
Oct. 11	Hudson Taxi Co.....	Capital Stock.....	6,000 00	Incorporation.
Oct. 30	Palmer Express and Cartage Co.....	Capital Stock.....	5,000 00	Incorporation.
Nov. 10	Blue Ribbon Cartage Co.....	Capital Stock.....	5,000 00	Incorporation.
Dec. 15	Crescent Cartage Co.....	Capital Stock.....	4,500 00	Incorporation.
	Total.....		\$931,500 00	

**ACCIDENTS ON RAILROADS IN MICHIGAN
DURING THE YEAR 1919.**

REPORT OF ACCIDENTS ON RAILROADS CALENDAR YEAR 1919.

	Killed.				Injured.				Total.	
	Employees.	Passengers.	Trespassers.	Others.	Employees.	Passengers.	Trespassers.	Others.	Killed.	Injured.
At stations or loading platforms.....	1				4	2			1	6
Coupling or uncoupling cars.....	2				38	2			2	40
Collision.....	16	6	1	30	79	793	2	169	53	1,043
Derailment.....	1			3	29	157		7	4	193
Defect or failure of roadway or equipment.....	1				11	26			1	37
Falling from locomotive or cars.....	6	1	4	1	57	7	9	2	12	75
Getting on or off cars.....					28	71				99
Grade crossing.....	2		4	97	5	3	8	175	103	191
Handling freight or baggage.....					23				1	23
Jumping on or off locomotive or cars.....		3	6		32	36	16	3	8	87
Overhead or side obstruction.....	1				30	6	1		1	37
Parting of trains.....					3	2		24		29
Repairing track or roadbed.....					33					33
Switching.....	1				56				1	56
Struck by locomotive or cars.....	16	2	41	48	21	2	32	105	107	160
Miscellaneous.....	7	1		1	222	37	12	8	9	279
Total.....	54	13	56	180	671	1,144	80	493	303	2,388

Money damage:

To track.....	\$35,337 49
To equipment.....	116,088 38
Not segregated.....	352,195 75

Total..... \$503,621 62

Total accidents..... 1,963

**ORDERS AND PERMITS ISSUED DURING
THE YEAR 1919.**

WIRE PERMITS ISSUED BY THE MICHIGAN RAILROAD COMMISSION—1919.

No.	Date.	Issued to.	To cross tracks of.	Location.	Description.
7889	Jan. 2	Detroit Edison Company	G. T. Ry.	Detroit, 150' E. of Twelfth St., 200' N. of G. T. Main Line Track.	6 wires, 220 volta.
7890	Jan. 7	Public Lighting Commission of Detroit	D. T. Ry.	Detroit, Michigan Ave., S. of Palmer Blvd.	2 wires, 6,000 volta.
7891	Jan. 7	Chicago Telephone Company	P. M. Ry.	Zeland, Elm St.	10 telephone wires.
7892	Jan. 15	Detroit Edison Company	M. C. Ry.	Utica, Main St.	26 wires, 110 volta.
7893	Jan. 16	Detroit Edison Company	C. D. C., G. T. Jet.	Detroit, St. Aubin Ave. at intersection of Clay Ave.	3 wires, 230 volta.
7894	Jan. 16	Detroit Edison Company	D. G. H. & M. Ry.	Waterford, 600' E. of station	3 wires, 4,600 volta.
7895	Jan. 20	Detroit Edison Company	P. M. Ry.	Detroit, Dix Ave., about 400' W. of Solway Ave.	3 wires, 4,600 volta.
7896	Feb. 4	Detroit Edison Company	P. M. Ry.	Detroit, Southfield Ave., 50' W. of Livernois Ave.	3 wires, 4,600 volta.
7897	Feb. 5	Michigan State Telephone Company	N. Y. C. R. R.	Lansing, at Elm Motor Car Co.'s plant	10 pair wires.
7898	Feb. 5	Detroit Edison Company	G. T. Ry.	Detroit, 150' E. of St. 600' N. of Seven Mile Road	3 wires, 4,600 volta.
7899	Feb. 6	Detroit Edison Company	M. C. Ry.	Detroit, 150' E. of Eucaliptus Ave., 100' N. of Farnsworth Ave.	3 wires, 230 volta; 3 wires, 110-220 volta.
7900	Feb. 7	Detroit Edison Company	M. C. Ry.	Monroe, Third St. between E. Chester and Elmira Sts.	3 wires, 4,600 volta.
7901	Feb. 10	Detroit Edison Company	M. C. Ry.	Detroit, St. Aubin Ave. at intersection of Clay Ave.	2 wires, 4,600 volta.
7902	Feb. 11	Board of Water and Electric Light Commission of Lansing	N. Y. C. R. R.	Lansing, Spring St.	2 wires, 410 volta; 2 wires, 2,200 volta; 2 wires, 110 volta.
7903	Feb. 14	Detroit Edison Company	G. T. Ry.	Mt. Clemens, Church St.	5 wires, 4,400 volta.
7904	Feb. 14	Detroit Edison Company	G. T. Ry.	Detroit, St. Aubin at intersection of Clay Ave.	3 wires, 4,600 volta.
7905	Feb. 14	Lapeer Gas-Electric Company	M. C. Ry.	Lapeer, Pine St.	3 wires, 6,000 volta.
7906	Feb. 15	Brumswick-Balks-Collender Company	G. R. & I. Ry.	Macquetgan, at Brumswick-Balks-Collender Co.'s plant	3 wires, 480 volta; 3 wires, 220 volta.
7907	Feb. 15	Chicago Telephone Company	N. Y. C. R. R.	Schoolcraft, W. of Butler Ave. and 200' N. of Lensehner Ave.	1 telephone wire.
7908	Feb. 19	Detroit Edison Company	G. T. Ry.	Detroit, 400' W. of Butler Ave. and 200' N. of Lensehner Ave.	3 wires, 4,600 volta.
7909	Feb. 19	Detroit Edison Company	G. T. Ry.	Mt. Clemens, Brown St.	3 wires, 4,600 volta.
7910	Feb. 20	Detroit Edison Company	G. T. Ry.	Hamtramck, 210' N. of Lensehner, 300' to 400' W. of Butler Ave.	2 wires, 2,300 volta.
7911	Feb. 20	Detroit Edison Company	M. C. Ry.	Wyandotte, W. of Sophia St.	3 wires, 4,600 volta.
7912	Feb. 21	Municipal Lighting Plant of Wyandotte	D. T. & I. R. R.	Wyandotte, alley between Eureka and Orange Sts.	3 wires, 23,000 volta.
7913	Mar. 12	Detroit Edison Company	D. T. & I. R. R.	Chilston, N. of Lafayette Ave.	3 wires, 4,600 volta.
7914	Mar. 12	Detroit Edison Company	D. G. H. & M. Ry.	Detroit, in Praton Road	3 wires, 220 volta.
7915	Mar. 12	Detroit Edison Company	G. T. Ry.	Mt. Clemens, in Praton Road	3 wires, 4,600 volta.
7916	Mar. 12	Detroit Edison Company	G. T. Ry.	Detroit, 350' E. of St. Aubin and 175' N. of Clay Ave.	3 wires, 4,600 volta.
7917	Mar. 21	Michigan State Telephone Company	C. & N. W. Ry.	Daggett, just north of C. & N. W. bridge	10 telephone wires.
7918	Mar. 21	Penninsula Power Company	C. & N. W. Ry.	Near Quinness, Loretto, Norway and Iron Mountain	Line of 13,200 volta.
7919	Mar. 21	Penninsula Power Company	P. & M. Ry.	Near Loretto, Norway and Iron Mountain	Line of 13,200 volta.
7920	Mar. 27	Elk Electric Company	P. M. Ry.	Elk Rapids	2 wires, 6,000 volta; 2 wires, 12,000 volta; 4 wires, 2,300 volta.
7921	Apr. 1	Detroit Edison Company	P. M. Ry.	Detroit, Dearborn Road, 200' S. of Baby Creek	3 wires, 4,600 volta.
7922	Apr. 3	Michigan State Telephone Company	D. R. C. & W. R. R.	Marine City, Charter Ave.	20 telephone wires.
7923	Apr. 8	Detroit Edison Company	P. M. Ry.	Detroit, Warren Ave., 650' W. of Chase Road	3 wires, 23,000 volta.
7924	Apr. 8	Benton Harbor St. Joe Ry. & Lt. Company	M. C. Ry.	Baroda, S. depot	2 wires, 2,300 volta.
7925	Apr. 9	Detroit Edison Company	P. M. Ry.	Detroit, 75' N. of Charlevoix Ave. and 100' W. of Connors Ave.	3 wires, 110/220 volta.
7926	Apr. 10	Detroit Edison Company	P. M. Ry.	Brighton, Regue St.	3 wires, 23,000 volta.
7927	Apr. 10	Detroit Edison Company	P. M. Ry.	Detroit, alley S. of Devine Ave., E. of Atlanta Ave.	3 wires, 110/220 volta.
7928	Apr. 11	Detroit Edison Company	P. M. Ry.	Genoa, 170' A. R. R. crossing	3 wires, 23,000 volta.
7929	Apr. 11	Detroit Edison Company	P. M. Ry.	Detroit, 10' S. of W. Fort St. and 200' E. of Forman Ave.	3 wires, 23,000 volta.
7930	Apr. 11	Detroit Edison Company	P. D. Ry.	Detroit, Warren Ave., 100' E. of Middlesex Ave.	3 wires, 23,000 volta.
7931	Apr. 18	Indiana & Michigan Electric Company	M. C. Ry.	Niles, Thirtieth St.	1 wire, 4,400 volta.
7932	Apr. 22	Detroit Edison Company	M. C. Ry.	Detroit, 125' W. of Bellevue Ave. and 125' S. of Charlevoix Ave.	3 wires, 230 volta.

7033	Apr. 24	Indiana & Michigan Electric Company	P. M. Ry.	Lakeside, North St.	2 wires, 4,400 volta.
7034	Apr. 30	Detroit Edison Company	D. T. & I. R. R.	Flat Rock, Telegraph Road	3 wires, 4,600 volta.
7035	Apr. 30	Detroit Edison Company	Wabash R. R.	Wayne Co., Wayne Co., Junction of Allen and Pepper Roads	3 wires, 4,600 volta.
7036	May 1	Detroit City Gas Company	M. C. R. R.	Detroit, E. of Mearns Ave., S. of Jefferson Ave.	1 cable, 110 volta; 2 wires, 220 volta.
7037	May 6	Board of Public Works of Collwater	N. Y. C. R. R.	Coldwater, intersection of Sprague St.	2 wires, 2,000 volta.
7038	May 6	Detroit Edison Company	M. C. R. R.	Dearborn, S. Dearborn Rd., 50' S. of Michigan Ave.	3 wires, 4,600 volta.
7039	May 6	Detroit Edison Company	G. T. W. L. R. R.	On County Line between Macomb and Wayne Counties at Eight Mile Rd.	3 wires, 48,000 volta.
7040	May 8	Citizens Electric Company	G. T. W. L. R. R.	Battle Creek, 22nd St., Springfield Park	2 wires, 2,200 volta.
7041	May 8	Detroit Edison Company	P. O. & N. R. R.	Oxford, at east limits of	3 wires, 4,600 volta.
7042	May 8	Detroit Edison Company	G. T. Ry.	Detroit, Brush St., 160' S. of Baltimore Ave.	3 wires, 110/220 volta.
7043	May 9	Detroit Edison Company	P. M. Ry.	Wayne, 240' S. of Michigan Ave.	3 wires, 2,300 volta.
7044	May 13	Detroit Edison Company	P. M. Ry.	Monroe, W. Elm St., 450' W. of Roessler St.	2 wires, 4,400 volta; 2 wires, 110 volta.
7045	May 14	Detroit Edison Company	N. Y. C. R. R.	Monroe, Kentucky and First Sts.	2 wires, 4,600 volta; 3 wires, 110/220 volta.
1	May 22	Onaway Electric Light & Power Co.	D. & M. Ry.	Tower, first highway crossing E. of Black River bridge	3 wires, 13,200 volta.
2	May 22	Consumers Power Co.	P. M. Ry.	Orion, Shabolt St.	3 wires, 7,500 volta.
3	May 22	The Detroit Edison Co.	M. C. R. R.	Muskegon Heights, Summit Ave. E. of Peck St.	5 wires, 4,600 volta.
4	May 27	The Detroit Edison Co.	M. C. R. R.	Ypsilanti, 840' W. of city limits, N. of Huron St.	3 wires, 2,300 volta.
5	May 27	The Detroit Edison Co.	G. T. Ry.	SW 1/4 of Section 34, Pontiac Twp.	3 wires, 4,600 volta.
6	May 28	Michigan State Telephone Co.	D. T. R. R.	Detroit, between Hart and Lyncaste Streets	3 wires, 4,600 volta.
7	June 3	The Detroit Edison Co.	M. C. R. R.	Detroit, Grafton St., 200' W. of Jos. Canham Ave.	Telephone wires.
8	June 6	The Detroit Edison Co.	M. C. R. R.	Utica, 1/2 mile S. of depot	3 wires, 4,600 volta.
9	June 6	Hillsdale Board of Public Works	N. Y. C. R. R.	Pittsford, First Street	3 wires, 2,300 v.; 2 wires, 220 v.; 1 wire, 110 v.
10	June 9	Swedish Crucible Steel Co.	G. T. Ry.	Detroit, along railroad right-of-way from Conant Ave. to Steel Co. plant	2 wires, 3,200 volta.
11	June 10	The Detroit Edison Co.	M. C. R. R.	Utica, Main St.	4 wires, 2,300 volta.
12	June 10	The Detroit Edison Co.	G. T. Ry.	Pontiac, in highway, 1,600' N. of city limits.	3 wires, 4,600 volta.
13	June 10	The Detroit Edison Co.	G. T. Ry.	Royal Oak Twp., Nine Mile Road	2 wires, 4,600 volta.
14	June 11	United Electric Co.	M. C. R. R.	Tekosha, approximately 2 miles W. of station.	3 wires, 6,600 volta; 3 wires, 2,200 volta.
15	June 12	River Raisin Paper Co.	D. & T. S. L. R. R.	Monroe, 750' N. of Elm St.	500,000 C. M. cable, 440 volta.
16	June 12	River Raisin Paper Co.	M. C. R. R.	Monroe, 750' N. of Elm St.	500,000 C. M. cable, 440 volta.
17	June 12	The Detroit Edison Co.	P. M. Ry.	Washington	3 wires, 110 volta.
18	June 13	Benton Harbor-St. Joe Ry. & Light Co.	G. T. Ry.	Colonia, first highway crossing west of Rochester, 450' E. of village limits.	3 wires, 2,200 volta.
19	June 13	The Detroit Edison Co.	G. T. Ry.	Ferdale, Woodward Heights Boulevard	2 wires, 4,400 volta.
20	June 17	The Detroit Edison Co.	G. T. Ry.	Detroit, 3rd Mile Road and Anglin Ave.	2 wires, 4,600 volta.
21	June 17	The Detroit Edison Co.	D. T. R. R.	Detroit, Jefferson St.	3 wires, 2,300 volta.
22	June 18	Michigan State Telephone Co.	Solvay Process Co.	Detroit, between 14th and 15th Sts.	Telephone wires
23	June 18	The Detroit Edison Co.	G. T. Ry.	Detroit, Southern and Hammond Aves	3 wires, 230 volta.
24	June 20	The Detroit Edison Co.	P. M. Ry.	Detroit, Fort St. E. of Forman Ave.	3 wires, 230 volta.
25	June 23	The Detroit Edison Co.	P. M. Ry.	Caro, Palmer St.	3 wires, 4,600 volta.
26	June 25	Carl Light and Power Co.	M. C. Ry.	At a point 150' S. of the Pontiac-Bloomfield Town Line Highway	2 wires, 2,300 volta; 2 wires, 1,600 volta.
27	June 25	The Detroit Edison Co.	D. G. H. & M. Ry.	Wayne Co., Oakwood Twp., Victoria Ave., 1/2 mile S. of River Rouge bridge.	3 wires, 46,000 volta.
28	June 25	Michigan State Telephone Co.	Wabash Ry.	Wayne Co., River Rouge Twp., Pleasant St., 1/2 mile E. of Victoria Ave.	50 telephone wires.
29	June 25	Michigan State Telephone Co.	D. & T. S. L. R. R.	Wayne Co., at River Rouge Station	48 telephone wires.
				Wayne Co., on Mud St., 1/2 mile N. of River Rouge Station	34 telephone wires.
				Sibley, 1/2 miles W. of	34 telephone wires.
				Wayne Co., Monguacien Twp., Dixie Highway	34 telephone wires.
				Monroe Co., Frenchtown Twp., 2 miles So. of Newport	40 telephone wires.
30	June 26	Michigan State Telephone Co.	L. S. & M. S. Ry.	Wyandotte, on Oak St., 1/2 mile W. of Biddle St.	40 telephone wires.

WIRE PERMITS ISSUED BY THE MICHIGAN RAILROAD COMMISSION—1919—Continued.

No.	Date.	Issued to.	To cross tracks of.	Location.	Description.
31	June 26	Michigan State Telephone Co.	D. T. & I. R. R.	Wayne County, Montucon Twp., at Solway siding.	50 telephone wires.
32	June 26	Michigan State Telephone Co.	G. T. Ry.	Wyandotte, on Oak St., $\frac{1}{2}$ mile W. of Biddle St.	30 telephone wires.
33	June 26	Consumers Power Co.	P. M. R. R.	Murice Co., Frenchtown Twp., 2 miles W. of Dixie, 2 miles S. of Newport.	36 telephone wires.
34	June 26	Michigan State Telephone Co.	P. M. R. R.	Wyandotte, on Oak St., $\frac{1}{2}$ miles W. of Biddle St.	6 wires, 22,000 volts.
35	July 3	Benton Harbor-St. Joe Ry. & Light Co.	M. C. R. R.	Saginaw, Sixth St.	Telephone cable.
36	June 30	The Detroit Edison Co.	M. C. R. R.	Detroit, W. of St. Aubin, N. of Euclid Ave.	2 wires, 2,900 volts.
37	June 30	Michigan State Telephone Co.	D. T. R. R.	Derby Station, just south of	2 wires, 2,900 volts.
38	June 30	The Detroit Edison Co.	P. M. R. R.	Detroit, on Fortan Ave., 100' N. of Barrow Ave.	Telephone cable.
39	July 5	The Detroit Edison Co.	P. O. & N. R. R.	Detroit, Charlevoix Ave.	3 wires, 46,000 volts.
40	July 7	The Detroit Edison Co.	Ann Arbor R. R.	Redford, Munier Road	3 wires, 33,000 volts.
41	July 7	Michigan Silver Black Fox Co.	B. C. G. & A. R. R.	Orford, E. village limits	8 wires, 4,600 volts.
42	July 11	The Detroit Edison Co.	M. C. R. R.	Chilson	3 wires, 23,000 volts.
43	July 14	Liddle & Cook	D. & T. S. L. R. R.	At highway bridge between Livingstone and Dover Twp.	2 wires, 220 volts.
44	July 14	The Detroit Edison Co.	M. C. R. R.	Wyandotte, N. of Oak St.	3 wires, 23,000 volts.
45	July 14	The Detroit Edison Co.	M. C. R. R.	Orion, on Atwater St.	3 wires, 23,000 volts.
46	July 15	The Detroit Edison Co.	G. T. Ry.	Orford, 2,400' S. of freight house	3 wires, 4,600 volts.
47	July 15	The Detroit Edison Co.	C. D. & C. G. T. Jet Ry.	Detroit, Desquindre St., 75' N. of Gratiot Ave.	3 wires, 4,600 volts.
48	July 15	The Detroit Edison Co.	G. T. Ry.	Detroit, 150' N. of Lenechner Ave.	3 wires, 4,600 volts.
49	July 16	The Southern Michigan Lt. & Power Co.	C. N. R. R.	Detroit, between Denton St. and Lenechner Ave.	3 wires, 4,600 volts.
50	July 17	Village of Sebawaing	P. M. Ry.	Prattville and Rolin	3 wires, 220 volts.
51	July 30	The Detroit Edison Co.	D. G. H. & M. Ry.	Schwaing, 25 rods S. of railroad bridge	3 wires, 230 volts.
52	July 31	The Detroit Edison Co.	P. M. Ry.	Detroit, Adelaide St.	3 wires, 110,220 volts.
53	Aug. 1	Michigan State Telephone Co.	M. C. R. R.	Detroit, alley E. of Mendotta Ave., 525' N. of Isabella Ave.	Telephone cable.
54	Aug. 5	The Detroit Edison Co.	G. T. Ry.	Detroit, Waterman Ave.	2 wires, 4,600 volts.
55	Aug. 19	The Detroit Edison Co.	D. G. H. & M. Ry.	Royal Oak, First St.	2 wires, 4,600 volts.
56	Aug. 19	The Detroit Edison Co.	M. C. R. R.	Orford, $\frac{1}{2}$ mile E. of Gratiot Rd.	2 wires, 4,600 volts.
57	Aug. 19	The Detroit Edison Co.	P. M. R. R.	Orford, 1 mile N. of, also $\frac{1}{2}$ mile N. of	2 wires, 4,600 volts.
58	Aug. 19	The Detroit Edison Co.	P. M. R. R.	Detroit, in alley E. of Mendotta Ave.	2 wires, 4,600 volts.
59	Aug. 19	The Detroit Edison Co.	M. C. R. R.	Detroit, Waterman Ave.	2 wires, 4,600 volts.
60	Aug. 19	The Detroit Edison Co.	G. T. Ry.	Detroit, at Michigan Cuyper & Brass Co.'s plant	2 wires, 2,300 volts.
61	Aug. 19	Lapeer Gas-Electric Co.	M. C. R. R.	Highland Park, Oakland and Rhode Island Aves.	3 wires, 4,600 volts.
62	Aug. 25	The Detroit Edison Co.	M. C. R. R.	Metamora, 1 mile N. of	2 wires, 4,600 volts.
63	Aug. 26	The Detroit Edison Co.	G. T. Ry.	Dearborn, Center St., S. of Michigan Ave.	2 wires, 23,000 volts.
64	Aug. 28	The Gardiner Light Co.	M. C. R. R.	Stonkbridge, at first two highways crossing E. of	2 wires, 2,900 volts.
65	Aug. 29	General Motors Corporation	P. O. & N. R. R.	Detroit, at General Motors plant, Holbrook & St. Aubin Aves.	3 wires, 4,600 volts.
66	Sept. 9	The Detroit Edison Co.	M. C. R. R.	Pontiac, between Oakland Ave. and Howard St.	1 wire, 5,000 volts.
67	Sept. 12	Michigan State Telephone Co.	M. St. P. & S. S. M. Ry.	Macomb Co., Warren Twp., 3100' W. of Van Dyke Rd. Isabella	3 wires, 23,000 volts.
68	Sept. 12	The Detroit Edison Co.	D. T. R. R.	Detroit, Connors Road, 500' S. of Kercheval Ave.	Telephone wire.
69	Sept. 12	The Detroit Edison Co.	M. C. R. R.	Detroit, 1,000' N. of North limits	2 wires, 2,300 volts.
70	Sept. 12	Citizens Telephone Co.	G. T. W. L. R. R.	Cedar Springs	1 pair telephone wires.
71	Sept. 12	The Detroit Edison Co.	D. T. R. R.	Detroit, Kercheval Ave., 150' E. of Connors Creek	2 wires, 2,300 volts.
72	Sept. 12	Michigan State Telephone Co.	P. M. R. R.	Saginaw, Shafer St. between Weiss and Madison Sts.	20 open wires and one 200 pr. cable.

73	Sept. 13	Michigan State Telephone Co.	M. St. P. & S. S. M. Ry.	Isabella	10 open telephone wires.
74	Sept. 16	Michigan State Telephone Co.	M. C. R. R.	Seginaw, Madison St. between Jackson and Carrollton Sts.	One 200 pr. cable.
75	Sept. 17	The Detroit Edison Co.	M. C. R. R.	Detroit, alley S. of Wyoming Ave., 300' E. of Ackley Ave.	3 wires, 4,600 volts.
76	Sept. 18	Michigan State Telephone Co.	M. C. R. R.	Pontiac, Branch St., also on Wesson St.	One 50 pr. cable.
77	Sept. 18	The Detroit Edison Co.	C. D. & C. G. T. Jet.	Macomb Co., Lenox Twp., between Sections 1 and 2	3 wires, 48,000 volts; 3 wires, 4,600 volts.
78	Sept. 18	The Detroit Edison Co.	Ry.	Richmond, Division St.	3 wires, 4,600 volts.
79	Sept. 18	The Detroit Edison Co.	G. T. Ry.	Oakland Co., Royal Oak Twp., on Ten Mile Road	3 wires, 23,000 volts.
80	Sept. 18	The Detroit Edison Co.	G. T. Ry.	Detroit, Linwood Ave.	3 wires, 4,600 volts.
81	Sept. 24	The Detroit Edison Co.	M. C. R. R.	Detroit, Wyoming Ave.	3 wires, 23,000 volts; 3 wires, 4,600 volts.
82	Sept. 24	Michigan State Telephone Co.	M. C. R. R.	Leansing, Baker St.	One 100 pr. cable.
83	Sept. 24	Michigan State Telephone Co.	D. & T. S. L. R. R.	Trenton, Towers St.	3 teleph. wires.
84	Sept. 30	The Detroit Edison Co.	M. C. R. R.	Detroit, E. of Kingsley, 1,650' S. of Warren Ave.	3 wires, 4,600 volts.
85	Sept. 30	The Detroit Edison Co.	D. R. C. & W. R. R.	St. Clair Co., Ft. Huron Twp., at Monk and 32nd Sts.	3 wires, 4,600 volts.
86	Sept. 30	Consumers Power Co.	M. C. R. R.	Holly, Elm St., and Industrial Ave.	3 wires, 5,000 volts.
87	Sept. 30	Consumers Power Co.	M. C. R. R.	Ecotau, Mill St., at intersection of High St.	3 wires, 2,500 volts; 2 wires, 2,500 volts.
88	Oct. 1	The Detroit Edison Co.	M. C. R. R.	Detroit, at E. Grand Boulevard and St. Aubin Aves.	3 wires, 4,600 volts.
89	Sept. 15	The Detroit Edison Co.	G. T. Ry.	Plant, Kewadley Boulevard	3 wires, 4,600 volts.
90	Sept. 15	Consumers Power Co.	G. T. W. L. R. R.	Saginaw, Carrollton Ave., 2,000' N. E. of Madison St.	3 wires, 5,000 volts; 2 wires, 5,000 volts.
91	Oct. 6	Michigan State Telephone Co.	G. T. Ry.	Saginaw, Carrollton Ave., 1,000' N. E. of Madison St.	One 200 pr. cable.
92	Oct. 6	Consumers Power Co.	M. C. R. R.	Battle Creek, Kendall St.	3 wires, 5,000 v.; 2 wires, 5,000 v.; 3 wires, 220 v.
93	Oct. 9	The Detroit Edison Co.	M. C. R. R.	Saginaw, Madison St. between Jackson and Carrollton Sts.	3 wires, 4,600 volts; 2 wires, 110 volts.
94	Oct. 11	Michigan State Telephone Co.	P. M. Ry.	Buham, Main St.	One 50 pr. cable.
95	Oct. 13	Tipton Telephone Co.	N. Y. C. R. R.	Tecumseh, Evans St.	One telephone wire.
96	Oct. 15	The Detroit Edison Co.	N. P. Ry.	Detroit, at intersection of Plymouth Rd. and Prospect St.	3 wires, 4,600 volts.
97	Oct. 15	The Detroit Edison Co.	P. D. R. R.	Detroit, Warren Ave., 100' E. of Middlesex Ave.	3 wires, 4,600 volts; 3 wires, 220 volts.
98	Oct. 15	The Electric Service Co.	G. T. W. L. R. R.	Hazellet, Main St.	1 pr. wires, 110 volts.
99	Oct. 15	The Electric Service Co.	M. Ry.	Hazellet, Main St.	1 pr. wires, 110 volts.
100	Oct. 16	Consumers Power Co.	Ann Arbor R. R.	Owosso, Cass St., just W. of Shiawassee St.	3 wires, 2,400 volts.
101	Oct. 16	The Detroit Edison Co.	P. H. S. R. R.	Port Huron, 28th St.	3 wires, 4,600 volts.
102	Oct. 16	The Detroit Edison Co.	M. C. R. R.	Detroit, Southern Ave., 850' W. of Lonyo Blvd.	3 wires, 4,600 volts.
103	Oct. 16	The Detroit Edison Co.	M. C. R. R.	Detroit, Southern Ave., 650' W. of Lonyo Blvd.	3 wires, 230 volts; 3 wires, 110/220 volts.
104	Oct. 17	The Detroit Edison Co.	M. C. R. R.	Detroit, Prospect Ave., 50' S. of Plymouth Rd.	3 wires, 4,600 volts.
105	Oct. 25	The Detroit Edison Co.	M. C. R. R.	Detroit, Brush St., 250' S. of Baltimore Ave.	3 wires, 4,600 volts.
106	Sept. 18	The Detroit Edison Co.	C. D. & C. G. T. Jet.	St. Clair Co., Kimball Twp., E. and W. section line of Sections 29 and 32	3 wires, 48,000 volts.
107	Sept. 18	The Detroit Edison Co.	G. T. Ry.	Macomb Co., Harrison Twp., ½ mile E. of Gratiot Ave.	3 wires, 220 volts.
108	Sept. 18	The Detroit Edison Co.	M. C. R. R.	Detroit, Kercheval Ave., at Canons Rd.	2 wires, 2,300 volts.
109	Oct. 27	The Detroit Edison Co.	M. C. R. R.	Detroit, Conant Ave., 1,300' N. of Leuschner Ave.	2 wires, 2,300 volts.
110	Oct. 27	The Detroit Edison Co.	M. C. R. R.	Ypsilanti, Forest St.	3 wires, 2,300 volts.
111	Oct. 27	The Detroit Edison Co.	M. C. R. R.	Detroit, 325' N. of Buchanan and 250' E. of Lawton Aves.	3 wires, 120/240 volts.
112	Oct. 27	Michigan State Telephone Co.	M. C. R. R.	Detroit, Jos. Campau and Denton Aves.	Telephone cable.
113	Oct. 28	The Detroit Edison Co.	M. C. R. R.	Detroit, Dearborn Rd., 250' S. of Thaddeus Ave.	3 wires, 120/240 volts; 3 wires, 230 volts.
114	Oct. 28	The Detroit Edison Co.	M. C. R. R.	Detroit, Driggs Ave., 225' E. of Cavalry Ave.	3 wires, 120/240 volts.
115	Sept. 16	Consumers Power Co.	M. C. R. R.	Battle Creek, at Advance-Rumley Co.'s plant	9 wires, 15,000 volts; 4 wires, 10,000 volts; 6 wires, 440 volts.
116	Oct. 29	The Detroit Edison Co.	D. T. & I. R. R.	Detroit, Dearborn Rd., 300' S. of Thaddeus St.	3 wires, 120/240 volts; 3 wires, 230 volts.
117	Oct. 29	McBain Hardware & Furniture Co.	Ann Arbor R. R.	McBain, Euclid St.	4 wires, 110 volts.
118	Oct. 29	Board of Public Works of Coldwater	N. Y. C. R. R.	Coldwater, 2 miles E. of, at Station Stake 2933-30	2 wires, 2,300 volts.

WIRE PERMITS ISSUED BY THE MICHIGAN RAILROAD COMMISSION—1919—Concluded.

No.	Date.	Issued to:	To cross tracks of:	Location.	Description.
119	Oct. 30	Western Hydro-Electric Co.	G. R. & I. Ry.	Howard City, Washburn St.	3 wires, 220 volts.
120	Oct. 30	The Detroit Edison Co.	C. D. & C. G. T. Jet. R. R.	Howard City, Walnut St.	3 wires, 13,200 volts.
121	Nov. 4	United Electric Co.	M. C. R. R.	Detroit, Brush St.	3 wires, 4,600 volts.
122	Nov. 4	The Detroit Edison Co.	Webb R. R.	Burlington, First highway E. of station	3 wires, 6,600 volt; 3 wires, 220 volts; 3 wires, 110 volts.
123	Nov. 4	The Detroit Edison Co.	N. Y. C. R. R.	Detroit, 500' W. of W. End Ave. and 100' N. of main tracks	3 wires, 4,600 volts.
124	Nov. 4	The Detroit Edison Co.	M. C. R. R.	Detroit, Brush St., 175 S. of Bagin Ave.	3 wires, 4,600 volts.
125	Nov. 5	The Detroit Edison Co.	M. C. R. R.	Detroit, Maybury Grand Ave., 400' N. of Buchanan Ave.	3 wires, 4,600 volts.
126	Nov. 7	Toledo & Western Railways Co.	N. Y. C. R. R.	Ecosee, Viger Road	2 wires, 2,500 volts.
127	Nov. 8	Consumers Power Co.	N. Y. C. R. R.	Ottawa Lake, Brown St.	2 wires, 2,500 volts; 2 wires, 220 volts; 1 wire, 110 volts.
128	Nov. 8	The Detroit Edison Co.	N. Y. C. R. R.	Albion, N. Clinton St.	3 wires, 2,400 volts.
129	Nov. 11	The Detroit Edison Co.	Webb R. R.	Monroe, Harrison St.	3 wires, 4,600 volts.
130	Nov. 12	The Detroit Edison Co.	M. C. R. R.	Detroit, 250' W. of 12th St. and 75' N. of W. Jefferson Ave.	3 wires, 120/240 volts; 3 wires, 220 volts.
131	Nov. 14	The Detroit Edison Co.	D. & T. S. L. R. R.	Albion, N. Clinton St.	3 wires, 480 volts.
132	Nov. 14	The Detroit Edison Co.	N. Y. C. R. R.	Ecosee, Viger Rd.	3 wires, 25,000 volts.
133	Nov. 17	The Detroit Edison Co.	C. D. & C. G. T. Jet. R. R.	Ecosee, Viger Rd.	3 wires, 25,000 volts.
134	Nov. 17	The Detroit Edison Co.	G. T. Ry.	Detroit, Maybury Grand Ave., 540' N. of Buchanan Ave.	3 wires, 4,600 volts.
135	Nov. 17	The Detroit Edison Co.	P. M. Ry.	Detroit, Six Mile Road, 1,030' W. of Van Dyke Ave.	3 wires, 4,600 volts; 3 wires, 110/220 volts.
136	Nov. 17	The Detroit Edison Co.	C. D. & C. G. T. Jet. R. R.	Detroit, alley E. of Prairie Ave. at Northfield Ave.	3 wires, 230 volts; 3 wires, 110/220 volts.
137	Nov. 19	The Detroit Edison Co.	N. Y. C. R. R.	Detroit, Six Mile Road and C. D. & C. G. T. Jet. R. R.	3 wires, 4,600 volts.
138	Nov. 19	The Detroit Edison Co.	P. M. Ry.	Detroit, Maybury Grand Ave., about 600' N. of Buchanan Ave.	3 wires, 4,600 volts.
139	Nov. 19	The Detroit Edison Co.	P. M. Ry.	Detroit, Sixth St., 50' N. of W. Jefferson Ave.	3 wires, 127/254 volts.
140	Nov. 20	The Detroit Edison Co.	P. M. Ry.	Detroit, Vermont Ave., 75' N. of W. Jefferson Ave.	3 wires, 230 volts.
141	Nov. 20	The Detroit Edison Co.	D. T. R. R.	Detroit, Waterloo Ave., E. of Hart Ave.	2 telephone wires.
142	Nov. 20	The Detroit Edison Co.	G. T. Ry.	Detroit, Waterloo Ave., W. of Coopers Ave.	2 wires, 2,500 volts.
143	Nov. 25	The Detroit Edison Co.	M. C. R. R.	Detroit, Conant Ave., 1,300' N. of Cass Ave.	3 wires, 4,600 volts.
144	Nov. 25	The Detroit Edison Co.	M. C. R. R.	Detroit, at plant of Detroit Sulphite Pulp & Paper Co.	3 wires, 4,600 volts; 3 wires, 127/254 volts.
145	Nov. 25	Consumers Power Co.	M. C. R. R.	Detroit, on property of W. F. Wood & Co.	3 wires, 480 volts.
146	Nov. 25	Consumers Power Co.	G. T. W. L. Ry.	Owosso, Cass St., 100' E. of Cedar St.	3 wires, 13,000 volts; 6 wires, 480 volts; 6 wires, 440 volts.
147	Nov. 25	The Detroit Edison Co.	D. G. H. & M. Ry.	Battle Creek, Ten Mile Road	3 wires, 4,600 volts.
148	Nov. 25	The Detroit Edison Co.	G. T. Ry.	Detroit, intersection of Larned and Dequindre Sts.	3 wires, 4,600 volts.
149	Nov. 25	The Detroit Edison Co.	G. T. Ry.	Detroit, Holbrook Ave., 400' W. of St. Aubin Ave.	3 wires, 4,600 volts.
150	Nov. 25	The Detroit Edison Co.	G. T. Ry.	Howell, Plain	3 wires, 4,600 volts.
151	Nov. 25	The Detroit Edison Co.	Ann Arbor R. R.	Howell, Court St.	3 wires, 4,600 volts.
152	Nov. 25	The Detroit Edison Co.	M. C. R. R.	Detroit, 150' W. of Miller Rd and 630' N. of Southern Ave.	3 wires, 110/220 volts.
153	Nov. 25	The Detroit Edison Co.	Ann Arbor R. R.	Howell, State St.	3 wires, 4,600 volts.
154	Nov. 28	The Detroit Edison Co.	Ann Arbor R. R.	Howell, Elm St.	3 wires, 4,600 volts.
155	Dec. 1	The Detroit Edison Co.	Ann Arbor R. R.	Howell, Wetmore St.	3 wires, 220 volts.
156	Dec. 1	The Detroit Edison Co.	Ann Arbor R. R.	Howell, Clinton St.	3 wires, 4,600 volts.

[illegible]

FIRST ANNUAL REPORT

CROSSINGS OF HIGHWAYS AND RAILROADS—1919.

Date.	Railroad.	Township.	County.	Road.	To whom permission is granted.
April 11	C. & N. W. Ry.....	Nadesau.....	Menominee.	E. & W. $\frac{1}{2}$ line Secs. 11 and 12	Commissioner of Highways.
June 13	C. & N. W. Ry.....	Baldwin.....	Delta.....	Between Sec. 6, T41, R 22 W and Sec. 31, T 42, R 22 W.	Commissioner of Highways.
June 21	M. & N. E. R. R.....	Greenwood.....	Wexford.....	$\frac{1}{2}$ mile west of Baxter.....	Commissioner of Highways.
July 15	L. S. & I. R. R.....	Negaunee.....	Marquette..	200' W. of Interlocking Plant at Eagle Mills.	Commissioner of Highways.
	D. S. S. & A. R. R.....				
July 23	D. S. S. & A. Ry.....	Stannard.....	Ontonagon..	Between Secs. 29 and 28 also Secs. 19 and 20.....	Commissioner of Highways.
July 25	C. & N. W. Ry.....	Stambaugh.....	Iron.....	2100' E. of Caspian Sta.	Commissioner of Highways.
Aug. 6	C. & N. W. Ry.....	Baldwin.....	Delta.....	Sec. Line between Secs. 14 and 23.	Commissioner of Highways.
Aug. 11	P. M. R. R.....	Helena.....	Antrim.....	Idlewild, North of Alden.	Commissioner of Highways.
Sept. 4	C. & N. W. Ry.....	Iron River.....	Iron.....	Section 28.	Commissioner of Highways.
Sept. 29	C. & N. W.....	Marenisco.....	Gogebic.....	Between Secs. 14 and 15.	Commissioner of Highways.
Oct. 23	D. S. S. & A. Ry.....	Covington.....	Baraga.....	S. W. $\frac{1}{4}$ of N. E. $\frac{1}{4}$ of Sec. 21.....	General Superintendent of D. S. S. & A. Ry. Co.
Oct. 27	D. S. S. & A. Ry.....	Champion.....	Marquette..	Section 30.	Board of County Road Commissioners.
Nov. 24	G. R. & I. Ry.....	Sullivan.....	Muskegon..	Sec. line between Secs. 8 and 9.	Commissioner of Highways.
Nov. 25	C. K. & S. R. R.....	Kalamasoo.....	Kalamasoo	Island Avenue.....	Commissioner of Highways.
Dec. 2	L. S. & I. Ry.....	Negaunee.....	Marquette..	N. W. $\frac{1}{4}$ of S. E. $\frac{1}{4}$ Sec. 24..	Board of County Road Commissioners.
Dec. 15	D. S. S. & A. Ry.....	Soo.....	Chippewa..	E. & W. $\frac{1}{4}$ line Sec. 27.....	Commissioner of Highways.
Dec. 16	D. S. S. & A. Ry.....	Ironwood.....	Gogebic.....	Between Secs. 33 and 34.....	Commissioner of Highways.
Dec. 18	M. C. R. R.....	Orion.....	Oakland....	Change from present location to point 150' North..	Township Board.

GRADE CROSSING PROTECTION ORDERED BY THE MICHIGAN RAILROAD COMMISSION FROM JANUARY 1st TO MAY 15, 1919.

Date.	Railroad.	City or village.	County.	Street or Highway.	Character of protection
Feb. 18	New York Central Railroad. Michigan Central Railroad. Detroit & Toledo Shore Line Railroad. Detroit, Toledo & Ironton Railroad.	Ecorse.....	Wayne.....	St. Coeme Line Road.....	Safety gates operated 7:00 A. M. to 11:00 P. M.
Feb. 18	New York Central Railroad.	Summit Twp..	Jackson.....	Fourth Street.....	Alarm bell with wig-wag signal.
April 15	Michigan Central Railroad. Michigan Central R. R.	Marshall.....	Calhoun.....	Kalamazoo Ave.....	Hours of gateman changed from 7:30 A. M., - 3:30 P. M. to 6:30 A. M., - 7:30 P. M.

GRADE CROSSING PROTECTION ORDERED BY THE MICHIGAN PUBLIC UTILITIES COMMISSION FROM MAY 15 TO DECEMBER 31, 1919, INCLUSIVE.

June 6	Detroit Monroe & Toledo Short Line Ry	Rockwood.....	Wayne.....	Cement Road.....	Speed of all trains and cars reduced to 10 miles per hour. Location of alarm bell changed.
July 15	Detroit Grand Haven & Milwaukee Ry.	Fenton.....	Genesee.....	{ Leroy Street..... Thompson Street.....	Safety gates to be operated daily from 6:30 A. M. to 10:30 P. M.
July 15	Detroit, Toledo & Ironton Railroads	Detroit.....	Wayne.....	Thaddeus Street.....	Alarm bell with wig-wag attachment.
July 25	Detroit Grand Haven & Milwaukee Ry.	Grand Rapids	Kent.....	Fuller Street.....	Alarm bell
July 25	Michigan Railway	Kalamazoo.....	Kalamazoo.....	Willard Street.....	Alarm bell with wig-wag signal.
Aug. 12	Grand Trunk Western Lines Railroad	{ Detroit..... Merrill.....	Wayne.....	Warren Avenue.....	Speed reduced to 6 miles per hour and going sounded by motorman.
July 16	Chicago, Detroit & Can. G. T. Jet. R. R.	Edmore.....	Saginaw.....	Midland Street.....	All trains and cars to be brought to stop. Train crew to protect crossing.
Aug. 14	Pere Marquette Railroad.	Elwell.....	Montcalm.....	Main Street.....	Bunting Post at end of Sour ending at Midland street.
Aug. 14	Pere Marquette R. R.	Home Twp.....	Montcalm.....	Main Street.....	Speed of all trains not to exceed 15 miles per hour.
Aug. 14	Pere Marquette R. R.	Holly.....	Oakland.....	{ Maple Street..... Martha Street.....	Speed of all trains (except Nos. 33 & 34) reduced to 15 miles per hour. Agent to protect crossing for passage of Nos. 33 & 34.
Aug. 26	Pere Marquette R. R.	Lawton.....	Van Buren.....	Main Street.....	Speed of all trains reduced to 8 miles per hr. All cars to be left clear of highways.
Sept. 10	Michigan Central Railroad.	Caspian.....	Iron.....	Furnace Street.....	Flaceman 9:00 A. M. to 5:00 P. M. daily. Speed of engines and trains not to exceed 12 miles per hour from 5:00 P. M. to 9:00 A. M.
Sept. 12	Chicago & North Western Ry.	Lima Twp.....	Washtenaw.....	Highway 3 miles East of Chelsea.	Alarm bell. Speed of all trains not to exceed 12 miles per hour from 5:00 P. M. to 9:00 A. M.
Sept. 16	Michigan Central Railroad.	Ashtabula.....	Monroe.....	Main Street.....	Safety gates to be operated from 6:00 A. M. to 10:00 P. M. daily.
Sept. 16	Ann Arbor Railroad.	Casopolis.....	Cass.....	Highway crossing 1/2 mile W. of Casopolis..	Watchman pending installation of gates.
Sept. 29	Grand Trunk Western Lines R. R.	{ Milan..... Milan.....	Monroe.....	Highways Adjacent to station.....	Alarm bell operated by gateman at Main street.
Sept. 29	Walsah Railway.	Parna.....	Jackson.....	First highway crossing East of station also first West of station.	Speed of all engines and trains not to exceed 15 miles per hour over crossing.
Sept. 29	Ann Arbor Railroad.	Grand Rapids	Kent.....	Grove Street.....	Alarm bell with wig-wag attachment.
Sept. 29	Walsah Railway.				Alarm bell with wig-wag attachment.
Oct. 10	Michigan Central Railroad.				Watchman discontinued and alarm bell with wig-wag attachment installed.
Oct. 22	Grand Trunk Western Lines R. R.				{ Safety gates operated 7:00 A. M. to 11:00 P. M. Alarm bell with wig-wag signal at freight house crossing. Alarm bell with wig-wag signal.

Alarm bells with wig-wag signals.
Watchman discontinued and alarm bell with wig-wag signal installed.

GRADE CROSSING PROTECTION ORDERED BY THE MICHIGAN RAILROAD COMMISSION FROM JANUARY 1st TO MAY 15, 1919.—Concluded.

Date.	Railroad.	City or village.	County.	Street or highway.	Character or protection.
Oct. 22	Grand Trunk Western Lines R. R.	Muskegon	Muskegon	Getty Avenue	All engines, trains and cars to be brought to stop before crossing. Safety gates to be operated 24 hours of day. Alarm bell with wig-wag signal. Alarm bell with wig-wag signal. Crossing Watchman 7:00 A. M. to 4:00 P. M. Agent to protect crossing 7:05 P. M. to 8:00 P. M. Safety gates to be operated 24 hrs. of day.
Oct. 27	Michigan Central Railroad	Galen	Berrien	Main Street	
Oct. 31	New York Central Railroad	Sibley	Wayne	Highway to Sibley Quarries	
Oct. 31	Detroit & Toledo Shore Line R. R.	Sibley	Wayne	Highway to Sibley Quarries	
Nov. 4	Pere Marquette Railroad	Birch Run	Saginaw	Main Street	All engines, trains and cars to be brought to stop before crossing. Safety gates to be operated 24 hrs. of day. Alarm bell with wig-wag signal. Speed reduced and cars under control. Signs to motormen on either side of crossing. Speed of all eastbound engines and trains reduced to 10 miles per hour over crossing. Speed of all engines and trains not to exceed 10 mile; per hour over crossing. All eastbound engines and cars to be brought to stop before crossing. All westbound engines and trains to cross at speed not exceeding 10 miles per hour. Watchman discontinued. Alarm bell with wig-wag signal. Watchman discontinued. Alarm bell with wig-wag signal installed. Alarm bell with wig-wag signal
Nov. 14	Michigan Central Railroad	Three Oaks	Berrien	Main Street	
Nov. 25	Grand Rapids & Indiana Railway	Grand Rapids	Kent	Graham Street	
Nov. 25	Michigan Central Railroad	Ferndale	Wayne	Nine Mile Road	
Nov. 28	Grand Rapids & Indiana Railway	Grand Rapids	Kent	Alpine Avenue	All engines, trains and cars to be brought to stop before crossing. Safety gates to be operated 24 hrs. of day. Alarm bell with wig-wag signal. Speed reduced and cars under control. Signs to motormen on either side of crossing. Speed of all eastbound engines and trains reduced to 10 miles per hour over crossing. Speed of all engines and trains not to exceed 10 mile; per hour over crossing. All eastbound engines and cars to be brought to stop before crossing. All westbound engines and trains to cross at speed not exceeding 10 miles per hour. Watchman discontinued. Alarm bell with wig-wag signal. Watchman discontinued. Alarm bell with wig-wag signal installed. Alarm bell with wig-wag signal
Nov. 28	Pere Marquette Railway	Port Huron	St. Clair	Tenth Street	
Dec. 12	Grand Trunk Western Lines R. R.	Ionia	Ionia	South Dexter Street	
Dec. 18	Detroit Grand Haven & Milwaukee Ry. { Detroit Grand Haven & Milwaukee Ry.	Ionia	Ionia	Cleveland Street	
Dec. 18	Detroit United Railway	Goodison	Oakland	Flumerfelt Crossing, 2 miles N. of Goodison	Alarm bell with wig-wag signal

APPROVAL OF MAPS.

January 11—Map of Muskegon Railway & Navigation Company showing proposed line of railway in Muskegon and Muskegon Heights with crossings of Pere Marquette and Grand Rapids and Indiana Railways, approved.

January 24—Map of Muskegon Railway & Navigation Company showing proposed line of railway in Muskegon and Muskegon Heights with crossing of Pere Marquette and Muskegon Traction & Lighting Company was approved with certain exceptions.

April 16—Map of Michigan Central Railroad Company showing proposed line of railroad known as Barron Lake Diversion with crossings of highways in Sections 8, 9 and 10, Howard Township, Cass County, approved.

July 10—Map of Boyne City, Gaylord & Alpena Railroad Company showing route of its railroad through Montmorency and Alpena counties, approved.

APPROVAL OF PLANS

February 10—Michigan Central Railroad Signal Department Plans D-246, showing changes to interlocker at Homer, approved.

March 1—Pere Marquette Railway Signal Department Plans S. C.-670-I, S. D.-670-I. C. and 267 showing changes to interlocker at crossing of Pere Marquette and Wabash Railways at Romulus was approved.

March 3—Michigan Central Railroad Signal Department Plans D-227, Issue No. 4, showing addition of derail to interlocking plant at East Avenue, Kalamazoo, approved.

April 4—Permission to change location of tower at State Street, Ecorse, granted to Michigan Central Railroad Company.

April 9—Pere Marquette Railway Company's Signal Department Plans S. D.-968-I, S. D.-968-I. C., and S. D.-C-968-I. D. L., showing changes to Trowbridge Interlocker at crossing of Pere Marquette and Grand Trunk Western Lines Railroads approved.

April 9—Michigan Central Railway Company's Signal Department Plans D-307, Issue No. 2, showing change of location of home interlocking signal at West Main Street, Battle Creek, approved.

April 9—Pere Marquette Railway Company's Signal Department Plans S. D.-10-I, S. D.-10-I. D. L. and S. C. D.-1992-I. C., showing changes to interlocking plant at LaMar, approved.

April 24—Plans for clearances for Grand Trunk Western Lines Railroad at National Biscuit Company's Plant, Detroit, approved.

May 6—Pere Marquette Railway Company's plans of proposed station at Belding, said plans showing location and layout of proposed station, approved.

May 27—Michigan Central Railroad Company's Signal Department Plans C-113, showing signal changes, approved.

June 11—Plans for proposed interlocking plant at crossing of Highland Park and Royal Oak Railroad and Detroit, Grand Haven and Milwaukee Railway near Oakland Avenue, approved.

RAILROAD CROSSING RAILROAD.

March 10—Authorizing the Manistique and Lake Superior Railroad Company to cross the Manistique Pulp & Paper Company's private track.

June 25—Order issued permitting the Detroit and Highland Park Railroad Company to operate its trains and cars over the Detroit, Grand Haven & Milwaukee Railway at Oakland Avenue, pending installation of interlocker.

June 26—Order issued permitting the Penn-Detroit Railroad Company to operate its engines and trains over the Detroit United Railway at Grand River Avenue pending installation of interlocker.

July 2—Order issued permitting the Reading Corporation to cross with 20-inch gauge track the Pontiac, Oxford & Northern Railroad near King's Mills, said crossing to be for a period of 60 days.

October 20—Authority granted G. P. Scharl of Pontiac to cross with 24-inch gauge industrial track the Michigan Air Line Railway at Amy.

October 28—Authority granted Detroit United Railway to operate its northbound Woodward Avenue cars over its Grand Belt Line at Baltimore Avenue, Detroit, without bringing such cars to a stop.

MISCELLANEOUS.

January 10—Authorizing the Michigan Central Railroad Company to abandon and remove the Haakwood Branch to Bennett Spur, a total of 11,856.2 feet.

February 4—Authorizing the Michigan Central Railroad Company to abandon and remove Crooked Lake and Blue Lake Branches, a total of 12,220 feet.

February 5—Authorizing the Minneapolis, St. Paul & Sault Ste. Marie Railway Company to discontinue agency at their Masonville Station.

March 6—Authorizing the Michigan Central Railroad Company to abandon and remove the Ensign and Camp 12 Branches, a total of 1,503.4 feet.

June 24—Granting permission to Manistee & North Eastern Railroad Company to operate the Leelanau Transit Company's Railroad for a period of one year beginning June 9, 1919.

July 8—Authorizing the Michigan Central Railroad Company to abandon and remove its Ellis Branch, a total of 1,542.4 feet.

July 18—Authorizing the Ludington and Northern Railway Company to remove its track from Epworth Heights to North Bayou of Hamlin Lake and switch track in Ludington.

July 25—Authorizing the Michigan Central Railroad Company to remove the McGraw Branch and McKinnon Spur, a total of 7,147.6 feet.

September 3—Authority granted the Michigan Central Railroad Company to discontinue and remove its Camp 14 Branch, a total of 7,666.2 feet.

September 5—Authority granted the Michigan Central Railroad Company to discontinue and remove its Patterson Branch and Spur leading therefrom, a total of 28,100 feet.

September 10—Authority granted the Michigan Central Railroad Company to discontinue and remove the Newell Branch and Reid, Toby and James Spurs, a total of 22,847.6 feet.

September 29—Authority granted the Michigan Central Railroad Company to discontinue and remove their Sturgeon Branch and Spurs therefrom, a total of 10,142.3 feet.

November 14—Permission granted Ann Arbor Railroad Company to install sheet steel stoves in motor cars, said stoves to be used in emergency cases and to be removed May 1, 1920.

November 18—Order issued requiring the Cleveland, Cincinnati, Chicago & St. Louis Railway Company to stop one passenger train per day at Hartman upon flag and also to restore side track at said station.

SAFETY DEVICES.

January 24—Order issued approving the interlocking plant at crossing of Michigan Central Railroad (Belt Line) and Detroit United Railway on Mt. Elliott Avenue, Detroit.

February 4—Order issued approving for use the interlocking system at crossing of Michigan Central and Detroit Terminal Railroads at North Detroit Yards.

March 18—Authority granted the Pere Marquette Railway Company to change the mechanical locking as shown on dog-sheet S. D.-1115-I. D. L. at Donald Interlocking Plant.

July 25—Permission granted Lake Superior & Ishpeming Railroad Company to discontinue interlocking plant at crossing of its track and Chicago & North Western Railway and substitute swing gate therefor.

September 3—Permission granted Pere Marquette Railway and Grand Trunk Western Lines Railroads to discontinue and remove interlocker at crossing of their tracks at Virgil, near Sheridan.

September 10—Permission granted the Michigan Central Railroad Company to change interlocking signals at Franklin Avenue, Lansing, as shown on Michigan Central Signal Department Plans V-104, Issue No. 3.

September 10—Permission granted the Michigan Central Railroad Company to change distant signal on New York Central track at Lake Shore Junction, Jackson, from operated to fixed signal.

September 16—Permission granted the Michigan Railway and Chicago, Kalamazoo & Saginaw Railroad to change distant signals at Richland Junction from operated to non-operated.

September 29—Permission granted Michigan Central Railroad Company to change location of southbound distant signals at Oxford Junction and change same from operative to non-operative.

December 18—Permission granted Michigan Central Railroad Company to change signals at Nichols Interlocking Plant according to Michigan Central Signal Department Plans V-15, Issue No. 9.

December 23—Permission granted Michigan Central Railroad Company to change New York Central northbound distant signal at Three Rivers Interlocking Plant from operative to fixed signal.

STATISTICS
STEAM RAILROADS
FOR THE
YEAR ENDING DECEMBER 31, 1918.

FIRST ANNUAL REPORT

TABLE No. 1—GENERAL BALANCE SHEET—ASSETS AT CLOSE OF YEAR.

No.	Railroad.	Investments.				Current assets.			
		Road and equip- ment including improvements on leased lines. (701) (702)	Investments in affiliated companies. (706)	Sinking funds, other investments, miscellaneous. (703) (704) (705) (707)	Total investments.	Cash. (708)	Special deposits. (711)	Loans and bills receivable. (712)	Traffic and car- service balance receivable. (713)
Upper Peninsula—Classes I and II.									
58	Chicago, Milwaukee & St. Paul Ry. Co.	\$625,792,364 13	\$24,837,584 92	\$3,298,411 25	\$653,928,360 30	\$4,487,118 12	\$4,854,493 37	\$432,188 04	\$414,555 00
59	Chicago & North Western Ry. Co.	406,275,150 46	25,174,378 30	9,795,271 05	441,244,799 81	4,245,517 57		1,001,712 35	71,134 82
60	Escanaba, Iron Mountain & Western R. R. Co.	1,638,444 55			1,638,444 55				
61	Copper Range Railroad Co.	7,599,291 15	1,100 00	35,122 80	7,635,513 95				
62	Duluth, South Shore & Atlantic Ry. Co.	48,510,603 34	1,265,291 30	127,581 85	49,903,476 49	3,335 45	913,295 83		18,801 85
63	Escanaba & Lake Superior Railroad Co.	1,906,267 14			1,906,267 14				
64	Lake Superior & Ishpeming Ry. Co.	4,137,092 72		472 13	4,137,564 85	670 85			15,613 25
65	Manistee & Lake Superior Railroad Co.	1,445,210 13			1,445,210 13	76 38			
66	Mineral Range Railroad Co.	3,547,851 97	350,000 00	19,820 31	3,917,672 28	864 04	41,680 00		
67	Hancock & Calumet Railroad Co.	955,105 26			955,105 26				
68	Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.	120,174,589 36	22,992,637 02	2,814,837 33	145,982,043 71	163,667 67	1,770,556 82	2,713 50	14,890 23
69	Gagabie & Montreal River Railroad Co.	1,120,000 00			1,120,000 00				
70	Munising, Marquette & Southeastern Ry. Co.	2,698,252 88		14,039 23	2,712,292 11	34,366 69			17,283 16
71	Ontonagon Railroad Co.	42,646 40			42,646 40				377 80
Total.		\$1,225,842,849 49	\$74,620,991 54	\$16,105,555 95	\$1,316,569,396 98	\$8,935,616 77	\$7,580,026 02	\$1,436,613 89	\$552,656 11
Lower Peninsula—Classes I and II.									
70	Ann Arbor Railroad Co.	\$17,673,227 49	\$215,528 22	\$9,362 05	\$17,898,137 76	\$620 65	\$12,433 75		\$1,324 44
71	Boyne City, Gaylord & Alpena Railroad Co.	1,843,163 25		500 00	1,843,663 25	14,527 46	24,444 87		
72	Chicago, Kalamazoo & Saginaw Ry. Co.	1,261,216 30			1,261,216 30	42 28			
73	Cincinnati Northern Railroad Co.	5,095,245 33		11,806 65	5,107,051 98	21,323 46	840 00		
74	Cleveland, Cincinnati, Chicago & St. L. Ry. Co.	173,047,780 03	13,266,103 77	3,570,783 34	189,884,669 14	1,277,803 60	623,631 41	\$650 00	\$29,583 58
75	Detroit, Bay City & Western Railroad Co.	1,801,235 51		25 69	1,801,261 20				

MICHIGAN PUBLIC UTILITIES COMMISSION

43

75	Detroit & Mackinac Ry. Co.	6,625,197 08	116,336 84	6,741,533 92	6,444 48	2,640 00	
76	Detroit Terminal Railroad Co.	2,347,382 26		2,347,382 26	10,405 15		
77	Detroit, Toledo & Ironville Railroad Co.	22,793,290 28	317,900 00	23,111,190 28	31 98		
78	Detroit & Toledo Shore Line Railroad Co.	4,797,623 97	430,000 00	5,227,623 97	24,820 72	61,040 00	1,828 90
79	Grand Rapids & Indiana Ry. Co.	21,139,610 16	359,955 45	21,499,565 61	991 66	153,037 50	35,227 65
Grand Trunk System:							
80	Bay City Terminal Ry. Co.	473,844 59		473,844 59			
81	Chicago, Detroit & Canada G. T. Ry. Co.	1,500,930 60		1,500,930 60			
82	Chicago & Kalamazoo Terminal Railroad Co.	385,233 43		385,233 43			
83	Chemung, Saginaw & Mackinaw Railroad Co.	67,107 55		67,107 55			
84	Detroit, Grand Haven & Milwaukee Ry. Co.	7,360,327 40	72,060 00	7,432,387 40	246 05		
85	Grand Rapids Terminal Railroad Co.	624,708 91		624,708 91			
86	Detroit & Huron Railroad Co.	287,708 08		287,708 08			
87	Grand Trunk Western Ry. Co.	32,317,676 84	3,878,214 70	37,195,891 54	10,598 16		
88	Michigan Air Line Ry. Co.	48,149 26		48,149 26			
89	Pontiac, Oxford & Northern Railroad Co.	1,403,508 46		1,403,508 46			
90	Toledo, Saginaw & Muskegon Ry. Co.	3,232,951 26		3,232,951 26			
91	Manistee & North Eastern Railroad Co.	2,155,755 70	6,679 10	2,162,434 80	3,460 17		32,291 28
92	Michigan Central Railroad Co.	108,044,001 60	943,044 47	120,276,835 55	1,397,745 44	74,893 81	22,000 00
93	Battle Creek & Sault Ste. Marie Ry. Co.	1,000,000 00		1,000,000 00			
94	Canada Southern Bridges Co.	1,725,772 50		1,727,143 59			
95	Detroit Manufacturers Railroad Co.	291,371 75	3,750 00	295,121 75	10,863 72		
96	Detroit River Tunnel Co.	21,077,970 55	62,821 53	21,140,792 08	201,564 29		
97	Lansing Manufacturers Railroad Co.	175,000 00		175,000 00			
98	Lansing Transit Railway Co.	19,256 64		19,256 64			
99	St. Clair & Western Railroad Co.	120,000 00		120,000 00			
100	St. Joseph, South Bend & Southern R. R. Co.	745,514 02		745,514 02	5,847 75		
101	New York Central Railroad Co.	827,290,915 21	56,204,848 30	1,085,148,041 57	8,993,280 27	59,108 99	41,509 36
102	Detroit, Hillsdale & South Western R. R. Co.	1,345,716 25		1,347,718 88	1,319 91	100 00	
103	Detroit, Toledo & Milwaukee Railroad Co.	1,060,513 24		1,060,513 24			
104	Erie & Kalamazoo Railroad Co.	300,000 00		300,000 00	355 10		
105	Fort Wayne & Jackson Railroad Co.	2,727,548 00		2,727,548 00	259 17	3,263 43	
106	Kalamazoo, Allegan & Grand Rapids R. R. Co.	1,450,000 00		1,450,000 00			
107	Pere Marquette Ry. Co.	103,851,246 99	1,004,104 44	111,897,898 81	25,387 47	802,773 75	2,482 16
108	Pere Marquette Southern Railroad Co.	64,994 78		64,994 78		7 54	
109	Wolverine Ry. Co.	207,612,011 68	3,939,732 46	213,939,091 71	571,196 91	5,172 50	28,776 99
110	Detroit Union Railroad Depot & Station Co.	2,330,962 49	74,259 26	2,405,221 75	23,763 79	8,756 36	
Total		\$1,589,389,935 01	\$68,178,839 53	\$1,597,327,429 79	\$12,602,738 78	\$2,745,548 12	\$172,824 59

Note—Reverse items appear in italics.

TABLE NO. 1—GENERAL BALANCE SHEET—ASSETS, AT CLOSE OF YEAR—Continued.

No.	Railroads.	Investments.				Current assets.			
		Road and equip- ment including improvements on leased lines. (701) (702)	Investments in affiliated companies. (706)	Sinking funds, other investments, miscellaneous. (703) (704) (705) (707)	Total investments.	Cash. (708)	Special deposits. (711)	Loans and bills receivable. (712)	Traffic and car- service balance receivable. (713)
Class III.									
38	Blaney & Southern Ry. Co.	\$111,378 38			\$111,378 38				
39	Houghton, Chaswell & South Western Ry. Co.	113,662 50			113,662 50				
41	Quincy & Torch Lake Railroad Co.	123,200 00			123,200 00				
42	Sault Ste. Marie Bridge Co.	2,166,969 31		\$4,935 78	2,171,905 09	\$2,780 53			
44	Wisconsin & Michigan Railroad Co.	1,132,000 00		1,558 30	1,133,558 30				\$9,355 68
45	Arcadia & Betsay River Railway Co.	163,260 58		612 34	163,872 92	2,943 75			
46	Delray Connecting Railroad Co.	1,295,090 77			1,295,090 77	32,358 82			17,207 89
47	Delray Terminal Railroad Co.	131,291 10			131,291 10	963 74			
48	East Jordan & Southern Railroad Co.	352,132 83			352,132 83	1,978 44			
49	Empire & South Eastern Railroad Co.	68,816 12			68,816 12				
50	Erie & Michigan Railway & Navigation Co.	95,312 22		71,519 32	166,831 54	1,608 68			4,020 44
51	Kalamazoo, Lake Shore & Chicago Ry. Co.	429,763 60		16,000 00	445,763 60	925 48		\$115 00	1,066 63
52	Ludington & Northern Railway Co.	72,444 38		15,388 21	87,832 59	391 87		325 00	
53	Michigan East & West Ry. Co., Receiver.	306,011 15		3,541 64	309,552 79	15,977 82			
54	St. Clair Tunnel Co.	3,710,894 79			3,710,894 79				
56	Wyandotte Southern Railroad Co.	48,900 26			48,900 26	1,257 03			
57	Wyandotte Terminal Railroad Co.	10,301 25			10,301 25	3,667 11			6,236 67
Total.		\$10,331,429 33		\$113,555 50	\$10,444,984 92	\$64,853 27		\$440 00	\$37,887 31
Grand total.		\$2,825,564,213 83	\$314,379,646 79	\$84,397,951 07	\$3,224,341,811 69	\$21,603,268 82	\$10,325,574 14	\$1,529,403 05	\$763,368 01

Note—Reverse items appear in italics.

TABLE NO. 1—GENERAL BALANCE SHEET—ASSETS, AT CLOSE OF YEAR—Continued.

No.	Railroad.	Current assets.					Deferred assets.		
		Miscellaneous accounts receivable. (715)	Materials and supplies. (716)	Interest and dividends receivable. (717)	Rents receivable. (718)	Other current assets. (719)	Total.	Working fund advances. (720)	Other deferred assets. (722)
Upper Peninsula—Classes I and II.									
58	Chicago, Milwaukee & St. Paul Ry. Co.	\$23,071,279 04		\$4,397,188 13		\$230,533 71	\$37,887,355 41	\$1,854,651 42	
59	Chicago & Northwestern Ry. Co.	15,094,417 54				73,404 46	20,486,186 74		
60	Escanaba, Iron Mountain & Western R. R. Co.								
61	Copper Range Railroad Co.	16,401 11				11 56	16,412 67		
62	Duluth, South Shore & Atlantic Ry. Co.	57,766 27			\$594,637 41		1,587,836 81	553 24	
63	Escanaba & Lake Superior Railroad Co.	58,688 01					58,688 01		
64	Lake Superior & Ishpeming Ry. Co.	41,776 02	\$271,793 33			190,000 00	(a) 521,686 52		
65	Manistique & Lake Superior Railroad Co.	3,253 75		823 04			(b) 14,651 01		
66	Mineral Range Railroad Co.	8,731 71			147,432 29		198,708 04	20 00	
67	Hancock & Calumet Railroad Co.								
68	Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.	296,909 03		132,077 95	6,389,987 04		8,770,802 24	19,331 94	
69	Gogebic & Montreal River Railroad Co.								
	Munising, Marquette & S.theastern Ry. Co.	122,925 41	98,946 52				(c) 297,825 77		
	Ontonagon Railroad Co.	349 88					727 48		
	Total	\$38,772,497 57	\$370,739 85	\$4,530,089 12	\$7,132,056 74	\$493,940 73	\$69,840,880 70	\$1,874,556 60	
Lower Peninsula—Classes I and II.									
70	Ann Arbor Railroad Co.	\$28,017 32				\$3,839 81	(d) \$494,235 97	\$305 00	\$1,921 38
14	Boyne City, Gaylord & Alpena Railroad Co.		\$84,110 90			7,241 20	(e) 144,829 47		3,495 27
71	Chicago, Kalamazoo & Saginaw Railway Co.	2,005 17			\$53,599 56		55,647 01		
72	Cincinnati Northern Railroad Co.				317,628 01	126 75	339,918 22	265 85	
73	Cleveland, Cincinnati, Chicago & St. L. Ry. Co.	646,335 78		\$26,220 50	17,411 34	812 75	(f) 9,918,187 37	8,881 99	261,883 69
74	Detroit, Bay City & Western Railroad Co.	3,714 07					3,714 07		
75	Detroit & Mackinac Ry. Co.	3,875 13					12,759 61	670 81	
76	Detroit Terminal Railroad Co.	189,395 21					199,800 36	20 00	3,474 86
77	Detroit, Toledo & Ironton Railroad Co.			2,749 99		2,948 68	110,207 56	138 94	2,991 07
78	Detroit & Toledo Shore Line Railroad Co.	481,649 88		466 63		753 20	570,359 13	252 69	

FIRST ANNUAL REPORT

TABLE No. 1.—GENERAL BALANCE SHEET—ASSETS AT CLOSE OF YEAR.—Continued.

No.	Railroad.	Current assets.						Deferred assets.	
		Miscellaneous accounts receivable. (715)	Materials and supplies. (716)	Interest and dividends receivable. (717)	Rents receivable. (718)	Other current assets. (719)	Total.	Working fund advances. (720)	Other deferred assets. (722)
	Lower Peninsula—Classes I and II.—Concluded.								
79	Grand Rapids & Indiana Ry. Co.	\$944,869 55					\$1,135,876 92	\$20 00	\$7,365 71
80	Grand Trunk System:								
81	Bay City Terminal Ry. Co.								
82	Chicago, Detroit & Canada G. T. Jct. R. R. Co.								
	Chicago & Kalamazoo Terminal Railroad Co.								
83	Cincinnati, Saginaw & Mackinaw Railroad Co.					\$62,320 13	62,320 13		
84	Detroit, Grand Haven & Milwaukee Ry. Co.					269,941 27	270,187 32		
85	Grand Rapids Terminal Railroad Co.								
86	Detroit & Huron Railroad Co.								
87	Grand Trunk Western Railway Co.	700,000 00				889,320 62	1,599,918 78	156 72	
88	Michigan Air Line Railway Co.								
89	Pontiac, Oxford & Northern Railroad Co.					14,992 18	14,992 18		
90	Toledo, Saginaw & Muskegon Ry. Co.					36,345 62	36,345 62		
91	Manistee & North Eastern Railroad Co.	22,285 72	\$66,429 87				(g) 138,191 94		231 06
	Michigan Central Railroad Co.	420,552 61		\$264,127 72	\$5,055,727 04		7,235,946 62	29,508 10	3,287 33
92	Battle Creek & Sturgis Ry. Co.				1,250 00		1,250 00		
93	Canada Southern Bridge Co.								
94	Detroit Manufacturers Railroad Co.				7,575 00		18,438 72		
95	Detroit River Tunnel Co.	104 62		345 31	255,000 00		457,014 22		
96	Lansing Manufacturers Railroad Co.								
97	Lansing Transit Railroad Co.								
98	St. Clair & Western Railroad Co.				1,666 67		16,291 60		
99	St. Joseph, South Bend & Southern Railroad Co.		8,777 18		27,672,084 92		48,916,805 25	124,392 30	4,007,745 84
100	New York Central Railroad Co.	6,815,012 76		4,354,563 58			1,419 91		
101	Detroit, Hillsdale & South Western R. R. Co.								
102	Detroit, Toledo & Milwaukee Railroad Co.								
103	Erie & Kalamazoo Railroad Co.						355 10		
104	Fort Wayne & Jackson Railroad Co.						3,522 60		
105	Kalamazoo, Allegan & Grand Rapids Railroad								

MICHIGAN PUBLIC UTILITIES COMMISSION

47

106	Pere Marquette Ry. Co.	207,570 45	19,389 35	70,389 46	1,128,000 31	200 00	
108	Port Huron Southern Railroad Co.	2 00			2 00		
109	Wabash Ry. Co.	613,058 26	52,200 00	2,238 20	1,272,735 60	21,714 23	
110	Detroit Union Railroad Depot & Station Co.	21,152 31			53,655 46		
	Total	\$11,204,006 48	\$4,720,063 08	\$1,359,081 80	\$74,212,029 05	\$186,526 63	\$4,382,406 21
Class III.							
38	Blaney & Southern Ry. Co.				\$1,800 00		
39	Houghton, Chasell & South Western Ry. Co.						
41	Quincy & Torch Lake Railroad Co.				36,452 56		
42	Sault Ste. Marie Bridge Co.	\$33,405 07		\$366 96	(b) 32,193 33		
44	Wisconsin & Michigan Railroad Co.	16,396 34			(c) 7,166 34		
45	Arcadia & Betscy River Ry. Co.	1,894 65			161,021 01		
46	Del ay Connecting Railroad Co.	38,987 34			2,120 63		
47	Delray Terminal Railroad Co.	1,156 89			48,166 24		
48	East Jordan & Southern Railroad Co.	39,204 19					
49	Empire & South Eastern Railroad Co.						
50	Erie & Michigan Railway & Navigation Co.	3,429 66			(d) 14,571 61	55 25	
51	Kalamazoo, Lake Shore & Chicago Ry. Co.	1,939 91			(e) 36,538 91		
52	Ludington & Northern Railway Co.	284 96			700 00		
53	Michigan East & West Ry. Co., Receiver	2,292 22			(f) 30,265 52		
54	St. Clair Tunnel Co.						
56	Wyandotte Southern Railroad Co.	49,629 16			50,886 19		
57	Wyandotte Terminal Railroad Co.				43,333 68		
	Total	\$188,000 39		\$8,328 20	\$469,864 30	\$55 25	
	G-and total	\$50,165,104 44	\$9,250,152 20	\$1,861,307 73	\$144,522,774 06	\$2,061,138 48	\$4,382,406 21

- (a) Includes Item 714, "Net balances receivable from agents and conductors," \$1,833.07.
 (b) Includes Item 710, "Time drafts and deposits," \$10,497.84.
 (c) Includes Item 714, "Net balances receivable from agents and conductors," \$24,302.99.
 (d) Includes U. S. Government Guaranteed Compensation, \$448,000.00.
 (e) Includes Item 714, \$14,993.04, "Net balances receivable from agents and conductors."
 (f) Includes \$7,298,738.41, "Compensation due from U. S. Government."
 (g) Includes Item 714, "Net balances receivable from agents and conductors," \$18,724.90.
 (h) Includes Item 714, "Net balances receivable from agents and conductors," \$1,272.85.
 (i) Includes Item 714, "Net balances receivable from agents and conductors," \$10.44.
 (j) Includes Item 714, "Net balances receivable from agents and conductors," \$301.07.
 (k) Includes Item 714, "Net balances receivable from agents and conductors," \$6,083.07.
 (l) Includes Item 714, "Net balances receivable from agents and conductors," \$8,682.96.

FIRST ANNUAL REPORT

TABLE NO. 1.—GENERAL BALANCE SHEET—ASSETS, AT CLOSE OF YEAR.—Continued.

No.	Railroad.	Deferred Assets.		U. S. Government Deferred Assets.	Unadjusted Debits.				U. S. Govern- ment unad- justed debts.	Grand Total.
		Total.			Rents and insur- ance premiums paid in advance. (723)	Discount on funded debt. (725)	Other unadjusted debts. (727)	Total.		
Upper Peninsula—Classes I and II.										
58	Chicago, Milwaukee & St. Paul Ry. Co.	(a) \$750,000 00	\$34,386,423 48				\$2,330,486 07	\$2,330,486 07	\$294 90	\$729,292,920 16
59	Chicago & North Western Ry. Co.	1,854,651 42	25,194,585 91				726,456 57	726,456 57		480,506,680 45
60	Escanaba, Iron Mountain & Western R. R. Co.									1,638,444 55
61	Copper Range Railroad Co.		471,471 52						164,781 19	8,288,179 33
62	Duluth, South Shore & Atlantic Ry. Co.	553 24	1,875,890 87				1,831 45	1,831 45		53,369,588 86
63	Escanaba & Lake Superior Railroad Co.		183,794 10							2,148,749 25
64	Lake Superior & Ishpeming Ry. Co.				3,605 66		5,543 61	9,149 27		4,668,400 64
65	Manistique & Lake Superior Railroad Co.		111,789 88				230 13	230 13		1,571,881 15
66	Mineral Range Railroad Co.	20 00	581,328 88				328,795 44	328,795 44		5,026,522 64
	Hancock & Calumet Railroad Co.									955,105 26
67	Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.	19,331 94	8,437,167 36			539,346 36	468,397 69	1,007,744 05		164,217,089 30
68	Gogebie & Montreal River R. R. Co.									1,120,000 00
10	Munising, Marquette & Southeastern Ry. Co.		3,516 36					(b) 1,625,099 98		4,635,217 86
69	Ontonagon Railroad Co.		2,140 87							45,514 75
	Total.	\$2,624,556.60	\$71,244,590 87		\$7,122 02	\$539,346 36	\$3,861,740 96	\$6,029,792 96	\$165,076 09	1,466,474,294 20
Lower Peninsula—Classes I and II.										
70	Ann Arbor Railroad Co.	(c) \$3,390 31	\$833,288 80		\$1,027 04		\$13,194 58	(d) \$17,385 99		\$19,243,048 52
14	Boyer City, Gaylord & Alpena Railroad Co.	3,495 27					475 75	475 75		1,991,883 03
71	Chicago, Kalamazoo & Saginaw Ry. Co.	285 85	104,281 53				125,843 28	135,285 45		1,425,115 76
72	Cincinnati Northern Railroad Co.		694,387 79			9,442 17				6,276,909 29
73	Cleveland, Cin., Chicago & St. Louis Ry. Co.	270,765 68	16,247,439 89		111 41	52,960 22	2,181,268 66	2,234,340 29		218,555,402 37
74	Detroit, Bay City & Western Railroad Co.		141,380 99				5 44	5 44		1,946,361 70
75	Detroit & Mackinac Ry. Co.	670 81	733,071 89							7,488,036 23
76	Detroit Terminal Railroad Co.	3,494 86	1,029,478 89				755 52	755 52		3,580,911 92
77	Detroit, Toledo & Ironton Railroad Co.	3,130 01	1,442,164 31			151,219 17	18,258 35	169,477 52		24,978,427 03
78	Detroit & Toledo Shore Line Railroad Co.	252 69	1,461,741 65				196,535 57	196,535 57		7,456,513 01
79	Grand Rapids & Indiana Ry. Co.	7,385 71	1,635,611 67				97,392 90	97,392 90		24,557,499 45

MICHIGAN PUBLIC UTILITIES COMMISSION

No.	Name of Company	Capital Paid	Surplus	Assets	Liabilities	Total
80	Grand Trunk System:					
81	Bay City Terminal Railway Co.					
82	Chicago, Detroit & Canada G. T. Ry. R. Co.					
83	Chicago & Kalamazoo Terminal Railroad Co.					
84	Cincinnati, Saginaw & Mackinac Railroad Co.	553 97				
85	Detroit, Grand Haven & Milwaukee Ry. Co.	414 20				
86	Grand Rapids Terminal Railroad Co.					
87	Detroit & Huron Railroad Co.					
88	Grand Trunk Western Ry. Co.	156 72	8,062 72			
89	Michigan Air Line Railway Co.					
90	Pontiac, Oxford & Northern Railroad Co.		838 32			
91	Toledo, Saginaw & Muskegon Railway Co.			786 24		
92	Marquette & North Eastern Railroad Co.	321 06		47 06		
93	Michigan Central Railroad Co.	32,806 43	22,059,249 12			
94	Battle Creek & Sault Ste. Marie Ry. Co.					
95	Canada Southern Bridge Co.					
96	Detroit Manufacturers Railroad Co.					
97	Detroit River Tunnel Co.					
98	Lansing Manufacturers Railroad Co.					
99	Lansing Tunnel Railroad Co.					
100	St. Clair & Western Railroad Co.					
101	St. Joseph, South Bend & Southern R. R. Co.					
102	New York Central Railroad Co.	() 5,130,749 52	69,346,373 01			
103	Detroit, Hillsdale & South Western R. R. Co.					
104	Detroit, Toledo & Milwaukee Railroad Co.					
105	Erre & Kalamazoo Railroad Co.					
106	Fort Wayne & Jackson Railroad Co.					
107	Kalamazoo, Allegan & Grand Rapids R. R. Co.					
108	Pere Marquette Ry. Co.	200 00	14,251,684 25	2,677 29		
109	Port Huron Southern Railroad Co.					
110	Wabash Ry. Co.	(e) 26,926 73	11,195,575 02	2,082 68	331 90	
111	Detroit Union Railroad Depot & Station Co.			2,317 50		
Total		\$5,483,920 65	\$141,187,348 05	\$9,049 22	\$8,734,990 38	\$5,499,591 87
						\$15,721,029 87
						4,223,293 98
						\$2,138,135,051 39

FIRST ANNUAL REPORT

TABLE NO. 1—GENERAL BALANCE SHEET—ASSETS, AT CLOSE OF YEAR.—Concluded.

No.	Railroad.	De'ferred Assets.		U. S. Government De'ferred Assets.	Unadjusted Debits.				U. S. Govern-ment unad-justed debits.	Grand Total.
		Total.			Rents and insur-ance premiums paid in advance. (721)	Discount on funded debt. (725)	Other unadjusted debits. (727)	Total.		
	Class III.									
38	Blaney & Southern Ry. Co.									\$111,378 38
39	Houghton, Chasell & South Western Ry. Co.									115,462 89
41	Quincy & Torch Lake Railroad Co.									123,200 00
42	Sault Ste. Marie Bridge Co.									2,208,457 65
44	Wisconsin & Michigan Railroad Co.									1,165,751 63
45	Arcadia & Betsey River Ry. Co.				\$199 25			\$199 25		171,238 51
46	Delray Connecting Railroad Co.						\$475 00	475 00		1,457,186 78
47	Delray Terminal Railroad Co.									133,411 73
48	East Jordan & Southern Railroad Co.									400,299 07
49	Empire & South Eastern Railroad Co.									68,816 12
50	Erie & Michigan Ry. & Navigation Co.	(h)	\$615 88							182,019 03
51	Kalamazoo, Lake Shore & Chicago Ry. Co.									484,602 51
52	Lansing & Northern Ry. Co.									90,180 87
53	Michigan East & West Ry. Co., Receiver				536 54			536 54		340,354 85
54	St. Clair Tunnel Co.							(i) 350,000 00		4,060,894 79
56	Wyandotte Southern Railroad Co.				33 65			33 65		99,786 45
57	Wyandotte Terminal Railroad Co.									53,668 58
	Total		\$615 88		\$769 44		\$475 00	\$351,244 44		\$11,266,709 54
	Grand Total	\$8,109,093 13	\$212,431,938 92	\$16,940 68	\$9,274,336 74	\$9,361,807 83	\$22,102,067 27	\$4,388,370 07	\$3,615,896,055 13	

(a) Includes Item 721 "Insurance and other funds," \$750,000 00.

(b) Includes Item 724 "Discount on capital stock," \$1,621,583 62.

(c) Includes Item 721 "Insurance and other funds," \$1,168 93.

(d) Includes Item 726 "Property abandoned chargeable to operating expense," \$3,164 37.

(e) Includes Item 724 "Discount on capital stock," \$1,474,234 03.

(f) Includes Item 721 "Insurance and other funds," \$908,611 38.

(g) Includes Item 721 "Insurance and other funds," \$5,212 50.

(h) Includes Item 721 "Insurance and other funds," \$560 63.

(i) Discount on capital stock.

MICHIGAN PUBLIC UTILITIES COMMISSION

51

TABLE NO. 1—GENERAL BALANCE SHEET—LIABILITIES AT CLOSE OF YEAR.

No.	Railroad.	Stock.	Premium on capital stock. (753)	Governmental grants. (754)	Long term debt.	Current liabilities.			
						Loans and bills payable. (758)	Traffic and car service balances payable. (759)	Audited accounts and wages payable. (760)	Miscellaneous accounts payable. (761)
Upper Peninsula—Classes I and II.									
58	Chicago, Milwaukee & St. Paul Ry. Co.	\$233,251,800 00	\$36,183 87	\$8,589 54	\$381,981,254 86	\$16,857,000 00	\$254,423 23	\$350,095 75	\$211,701 35
59	Chicago & North Western Ry. Co.	(a) 167,617,838 82	29,667 75		211,454,000 00	5,000,000 00		202,844 42	44,181 52
60	Escanaba, Iron Mountain & Western R. R. Co.	30,000 00			1,588,444 55				
61	Copper Range Railroad Co.	4,244,300 00			2,280,000 00		13 91		81,957 16
62	Duluth, South Shore & Atlantic Ry. Co.	22,000,000 00			21,861,000 00	150,000 00	16,447 61	123,200 81	
63	Escanaba & Lake Superior Railroad Co.	693,000 00				380,000 00		4,664 81	
64	Lake Superior & Ishpeming Ry. Co.	1,000,000 00			692,000 00		30,236 00		3,300 67
65	Manistique & Lake Superior Railroad Co.	250,000 00			1,100,000 00		13,030 60	52,455 34	49,180 00
66	Mineral Range Railroad Co.	1,500,000 00			2,062,673 67			3,487 40	
	Hancock & Calumet Railroad Co.	350,000 00							
67	Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.	37,810,200 00	12,336 04		87,264,800 00	752,020 00	281,931 04	282,186 64	2,326,723 18
68	Gogebic & Montreal River Railroad Co.	600,000 00			520,000 00				
10	Munising, Marquette & Southeastern Ry. Co.	1,870,000 00			1,160,000 00	927,330 77	46,445 19	66,979 67	4,362 03
69	Ontonagon Railroad Co.	30,000 00				9,000 00			
	Total.	\$471,266,938 82	\$78,177 66	\$8,589 54	\$711,944,272 88	\$24,075,350 77	\$642,527 58	\$1,065,914 84	\$2,721,405 91
Lower Peninsula—Classes I and II.									
70	Ann Arbor Railroad Co.	\$7,250,000 00		\$8,675 30	\$7,879,883 38	\$281,750 00	\$1,017 34	\$298,354 69	\$2,297 70
14	Boyer City, Gaylord & Alpena Railroad Co.	669,300 00			800,000 00	38,220 00	87,174 92	8,630 51	15,568 17
71	Chicago, Kalamazoo & Saginaw Ry. Co.	450,000 00			1,268,000 00		110 96	25,465 72	
72	Cincinnati Northern Railroad Co.	3,000,000 00			1,321,000 00			14,816 41	
73	Cleveland, Cin., Chicago & St. Louis Ry. Co.	57,027,200 00			104,387,521 81	8,327,650 00		212,549 90	38,466 23
74	Detroit, Bay City & Western Railroad Co.	450,000 00			776,360 00	194,679 61	345 64	138 57	
75	Detroit & Mackinac Ry. Co.	2,950,000 00			2,300,000 00	100,000 00	421 98	1,037 93	
76	Detroit Terminal Railroad Co.	2,000,000 00			345,214 89			1,659 83	710 53
77	Detroit, Toledo & Ironton Railroad Co.	12,489,998 00			9,723,916 75	400,601 70	71,756 11	4,991 38	543 06
78	Detroit & Toledo Shore Line Railroad Co.	1,428,000 00			3,000,000 00	100,000 00	1,103 69	15,184 93	40 00
79	Grand Rapids & Indiana Ry. Co.	5,791,700 00			11,523,000 00	318,015 00	36,520 58	2,633 15	17,578 05

TABLE NO. 1.—GENERAL BALANCE SHEET—LIABILITIES AT CLOSE OF YEAR.—Continued.

No.	Railroad.	Stock.	Premium on capital stock. (753)	Governmental grants. (754)	Long term debt.	Current liabilities.			
						Loans and bills payable. (758)	Traffic and car service balances payable. (759)	Audited accounts and wages payable. (760)	Miscellaneous accounts payable. (761)
80	Grand Trunk System:								
81	Bay City Terminal Ry. Co.	\$15,000 00			\$458,844 59				
82	Chicago, Detroit & Canada G. T. Jct. R. R. Co.				1,391,804 10				
83	Chicago & Kalamazoo Terminal Railroad Co.	100,000 00			285,233 43				
84	Cincinnati, Saginaw & Mackinaw R. R. Co.				5,598,920 40				
	Detroit, Grand Haven & Milwaukee Ry. Co.	1,500,000 00							
85	Grand Rapids Terminal Railroad Co.	50,000 00			574,068 91				
86	Detroit & Huron Railroad Co.	148,000 00			139,708 09				
87	Grand Trunk Western Ry. Co.	6,000,000 00			32,263,392 70				
88	Michigan Air Line Ry. Co.				43,977 24				
89	Pontiac, Oxford & Northern Railroad Co.	1,000,000 00							
90	Toledo, Saginaw & Muskegon Ry. Co.	1,600,000 00							
91	Manistee & North Eastern Railroad Co.	2,000,000 00			1,138,807 67	\$70,000 00	\$86,169 84	\$116,484 06	
92	Michigan Central Railroad Co.	18,736,400 00			52,178,418 34	22,885,228 00		787,153 35	\$109,232 75
93	Battle Creek & Sturgis Ry. Co.	500,000 00			500,000 00				
	Canada Southern Bridge Co.	450,000 00							
94	Detroit Manufacturers Railroad Co.	300,000 00							
95	Detroit River Tunnel Co.	3,000,000 00			18,000,000 00			18,467 98	
96	Lansing Manufacturers Railroad Co.	100,000 00			75,000 00				
97	Lansing Transit Railroad Co.	2,000 00			17,256 64				
98	St. Clair & Western Railroad Co.	120,000 00							
99	St. Joseph, South Bend & Southern R. R. Co.	644,000 00							
100	New York Central Railroad Co.	249,597,355 00			688,285,201 45	41,963,000 00	2,239,089 84	4,380,970 65	5,921,122 51
101	Detroit, Hillsdale & South Western R. R. Co.	1,350,000 00							
102	Detroit, Toledo & Milwaukee Railroad Co.	1,060,000 00							
103	Erie & Kalamazoo Railroad Co.	1,300,000 00							
104	Fort Wayne & Jackson Railroad Co.	2,727,548 00							
105	Kalamazoo, Allegan & Grand Rapids R. R. Co.	610,000 00			840,000 00				

106	Pere Marquette Ry. Co.	68,675,000 00			36,325,000 00	4,500,000 00		45,405 22	14,097 17
108	Port Huron Southern Railroad Co.	50,000 00			65,005,359 23	2,485,000 00		171,558 37	1,149 59
109	Wabash Ry. Co.	138,492,536 97			17,017 82		7,345 59		27,274 59
110	Detroit Union Railroad Depot & Station Co.	2,250,000 00							
	Total	\$594,894,037 97		\$8,675 30	\$1,046,464,937 44	\$81,674,144 31	\$2,506,949 21	\$6,103,802 65	\$6,148,080 95
Class III.									
38	Blaney & Southern Ry. Co.	\$75,000 00			\$36,378 38	\$25,000 00		\$67 45	36,673 88
39	Houghton, Chasell & South Western Ry. Co.	50,000 00			127,123 47				298,371 87
41	Quincy & Torch Lake Railroad Co.	50,000 00			506,000 00				4,958 59
42	South Ste. Marie Bridge Co.	1,000,000 00			185,000 00		\$3,742 09	29,706 93	
44	Wisconsin & Michigan Railroad Co.	947,500 00						3,282 41	
45	Aradria & Beley River Ry. Co.	150,000 00			10,155 49	\$3,000 00		41,008 22	208,759 59
46	Delray Connecting Railroad Co.	1,000,000 00							3,128 52
47	Delray Terminal Railroad Co.	50,000 00							
48	East Jordan & Southern Railroad Co.	250,000 00							
49	Empire & South Eastern Railroad Co.	92,705 00			68,816 12				
50	Erie & Michigan Ry. & Navigation Co.	37,400 00			340,000 00	26,000 00	2,326 98	3,077 21	
51	Kalamazoo, Lake Shore & Chicago Ry. Co.	15,000 00			35,000 00	20,500 00	37,356 63	36,070 35	877 00
52	Ludington & Northern Ry. Co.							479 94	40,980 56
53	Michigan East & West Ry. Co., Receiver	200,000 00			6,000 00	131,468 67	10,124 67	6,733 84	3,370 00
54	St. Clair Tunnel Co.	700,000 00			2,610,764 27				
56	Wyandotte Southern Railroad Co.	25,000 00			92,677 30				
57	Wyandotte Terminal Railroad Co.	10,000 00						6,226 17	111,184 37
	Total	\$4,652,605 00		\$375,000 00	\$4,067,915 03	\$285,968 67	\$53,550 37	\$126,652 52	\$478,304 38
	Grand Total, All Classes	\$1,070,803,581 79		\$78,177 66	\$1,762,477,125 35	\$106,035,463 75	\$2,204,927 16	\$7,316,370 01	\$9,547,791 24

(a) Includes Script \$5,138.82.
 (b) Includes Account 752, "Stock liability for conversion," \$25,650.00.
 Reverse items appear in italics.

FIRST ANNUAL REPORT

TABLE NO. 1—GENERAL BALANCE SHEET—LIABILITIES AT CLOSE OF YEAR—Continued.

Current liabilities.									
No.	Railroad.	Interest matured unpaid. (762)	Dividends matured unpaid. (763)	Funded debt matured unpaid. (764)	Unmatured divi- dends declared. (765)	Unmatured interest accrued (766)	Unmatured rents accrued. (767)	Other current liab- ilities. (768)	Total.
Upper Peninsula—Classes I and II.									
58	Chicago, Milwaukee & St. Paul Ry. Co.	9,729,255 83	7,021 00	7,782 62		\$1,467,193 12			\$28,894,472 90
59	Chicago & North Western Ry. Co.	754,194 04	2,992,455 70	120,100 00		1,898,610 82		\$31,246 32	11,043,632 82
60	Escanaba, Iron Mountain & Western R. R. Co.					28,500 00		582 98	111,054 05
61	Copper Range Railroad Co.					269,052 08			14,495,518 87
62	Duluth, South Shore & Atlantic Ry. Co.	10,850,605 18		3,086,213 19					
63	Escanaba & Lake Superior Railroad Co.	11,080 00				17,300 00			395,744 81
64	Lake Superior & Ishpeming Ry. Co.					5,500 04			103,292 01
65	Manistique & Lake Superior Railroad Co.					833 33			18,530 64
66	Mineral Range Railroad Co.	41,680 00		219,396 96					314,577 69
67	Hancock & Calumet Railroad Co.								
68	Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.	1,535,800 20	12,016 38			143,751 83			5,334,429 37
69	Gogebic & Montreal River Railroad Co.					5,766 65			\$1,050,884 31
70	Munising, Marquette & Southeastern Ry. Co.						\$152 03		9,152 03
71	Ontonagon Railroad Co.								
Total.....		\$22,922,615 35	\$3,011,493 08	\$3,433,492 77		\$3,836,507 87	152 03	31,829 30	\$61,761,289 50
Lower Peninsula—Classes I and II.									
72	Ann Arbor Railroad Co.	\$90,325 00			\$67,343 92	\$955 50			\$739,088 65
73	Boyer City, Gaylord & Alpena Railroad Co.								150,549 10
74	Chicago, Kalamazoo & Saginaw Ry. Co.	20,840 00			90,000 00	5,016 00		\$123,016 35	25,576 68
75	Cincinnati Northern Railroad Co.	1,079,218 19	\$7,898 77		124,981 25	739,273 46	\$103,103 40	5,514,948 18	253,688 76
76	Cleveland, Cinn., Chicago & St. Louis Ry. Co.								16,148,069 88
77	Detroit, Bay City & Western Railroad Co.	2,835 43				9,762 48			207,761 73
78	Detroit & Mackinac Ry. Co.	2,640 00				7,666 67			111,766 58
79	Detroit Terminal Railroad Co.								2,370 36
80	Detroit, Toledo & Ironton Railroad Co.								538,739 44
81	Detroit & Toledo Shore Line Railroad Co.	61,040 00				60,847 19	2,800 00		177,961 34
82	Grand Rapids & Indiana Ry. Co.	153,037 50				52,500 00		2,941 64	583,225 92

MICHIGAN PUBLIC UTILITIES COMMISSION

No.	Name	Capital stock	Surplus	Total assets	Total liabilities
80	Grand Trunk System:				
81	Bay City Terminal Ry. Co.				
82	Chicago, Detroit & Canada G. T. Jet. R. R. Co.				
83	Chicago & Kalamazoo Terminal Railroad Co.				
84	Cincinnati, Saginaw & Mackinaw R. R. Co.				
85	Detroit, Grand Haven & Milwaukee Ry. Co.	140,119 63	238,333 71	39,852 23	100,172 20
86	Grand Rapids Terminal Railroad Co.				
87	Detroit & Huron Railroad Co.				
88	Grand Trunk Western Ry. Co.	273,406 41	425 00		15,144 47
89	Michigan Air Line Ry. Co.				
90	Pontiac, Oxford & Northern Railroad Co.		400,000 00		400,000 00
91	Toledo, Saginaw & Muskegon Ry. Co.		1,662,000 00		1,662,000 00
92	Maine & North Eastern Railroad Co.	58,600 00	40,000 00		351,253 90
93	Michigan Central Railroad Co.	78,435 00	4,646 00	596,326 90	25,295,622 26
94	Battle Creek & Sturgis Ry. Co.		2,000 00	457,272 26	1,250 00
95	Canada Southern Bridge Co.		1,000,000 00		1,000,000 00
96	Detroit Manufacturers Railroad Co.				
97	Detroit River Tunnel Co.				
98	Lansing Manufacturers Railroad Co.				
99	Lansing Transit Railway Co.				
100	St. Clair & Western Railroad Co.				
101	St. Joseph, South Bend & Southern R. R. Co.				
102	New York Central Railroad Co.	3,955,549 15	170,630 42	6,241,945 73	73,342,111 07
103	Detroit, Hillsdale & South Western R. R. Co.		4,790 00	748,207 37	4,596,992 90
104	Detroit, Toledo & Milwaukee Railroad Co.				
105	Erie & Kalamazoo Railroad Co.				
106	Fort Wayne & Jackson Railroad Co.				
107	Kalamazoo, Allegan & Grand Rapids R. R. Co.				
108	Pere Marquette Railway Co.	802,773 75		56,250 00	407 12
109	Port Huron & Southern Railroad Co.				
110	Washtenaw Ry. Co.	338,769 50	882 00	666,497 08	10,620 62
111	Detroit Union Railroad Depot & Station Co.				
Total		\$7,057,589 56	\$284,920 62	\$8,611,863 24	\$10,353,125 74
				\$1,324,077 44	\$131,308,438 10

FIRST ANNUAL REPORT

TABLE NO. 1—GENERAL BALANCE SHEET—LIABILITIES AT CLOSE OF YEAR—Continued.

No.	Railroad.	Current liabilities.							Total.
		Interest matured unpaid. (762)	Dividends matured unpaid. (763)	Funded debt matured unpaid. (764)	Unmatured divi- dends declared. (765)	Unmatured interest accrued (766)	Unmatured rents accrued. (767)	Other current liabil- ities. (768)	
	Class III.								
38	Blaney & Southern Ry. Co.							\$ 2,960 83	\$ 64,701 96
39	Houghton, Chaswell & South Western Ry. Co.							107,042 81	107,042 81
41	Quincy & Torch Lake Railroad Co.							281,021 87	281,021 87
42	Sault Ste. Marie Bridge Co.	\$12,650 00						38,407 61	38,407 61
44	Wisconsin & Michigan Railroad Co.								
45	Armadia & Betscy River Ry. Co.								3,282 41
46	Delray Connecting Railroad Co.								124,008 22
47	Delray Terminal Railroad Co.								206,789 86
48	East Jordan & Southern Railroad Co.								3,128 82
49	Empire & South Eastern Railroad Co.								
50	Erie & Michigan Ry. & Navigation Co.								31,404 19
51	Kalamazoo, Lake Shore & Chicago Ry. Co.	214,500 00				\$15,194 25	995 50		325,493 73
52	Ludington & Northern Ry. Co.	90 00				525 00			42,075 50
53	Michigan East & West Ry. Co., Receiver	10,976 31							162,673 49
54	St. Clair Tunnel Co.								
56	Wyandotte Southern Railroad Co.								
57	Wyandotte Terminal Railroad Co.								117,410 54
	Total	\$238,216 31				\$15,719 25	\$995 50	\$110,003 44	\$1,509,410 44
	Grand Total, All Classes	\$30,218,421 22	\$3,206,413 70	\$6,897,241 48	\$3,778,205 67	\$12,464,120 36	\$1,325,224 97	\$10,494,968 48	\$194,579,138 04

TABLE NO. 1—GENERAL BALANCE SHEET—LIABILITIES AT CLOSE OF YEAR—Continued.

No.	Railroad.	Unadjusted credits.							
		Other (total) deferred liabilities. (770)	U. S. Government deferred liabilities.	Tax liability. (771)	Insurance and casualty reserve (773)	Operating reserves. (774)	Accrued depreciation Road. (775)	Accrued depreciation Equip-ment. (776)	Other unadjusted credits. (778)
Upper Peninsula—Classes I and II.									
58	Chicago, Milwaukee & St. Paul Ry. Co.	\$82,546 38	\$31,288 861 25	\$925,175 55	\$2,800 975 70		\$11,229,386 74	\$1,644,987 22	
59	Chicago & North Western Ry. Co.	77,800 44	27,297 651 51	932,433 83	702,807 79		13,724,721 71	869,121 01	
60	Escanaba, Iron Mountain & Western R. R. Co.								
61	Copper Range Railroad Co.		519 068 20	497 45			136,424 07	196,626 16	1,112 96
62	Duluth, South Shore & Atlantic Ry. Co.		1,083,834 36	8,451 07			161,122 86	757,850 64	15,065 22
63	Escanaba & Lake Superior Railroad Co.		75 093 02						
64	Lake Superior & Ishpeming Ry. Co.		79,000 52	279,248 39			144,421 18	124,958 73	46,231 70
65	Manistique & Lake Superior Railroad Co.		702,823 84				423,849 56	475,063 12	
66	Mineral Range Railroad Co.						11,680 00	59,033 31	710 66
67	Hancock & Calumet Railroad Co.							283,097 87	67 01
68	Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.	250 00	7,195,316 25	426,000 00	93,371 72	\$181,970 87		4,273,920 55	121,291 30
69	Georgie & Montreal River Railroad Co.			43,140 26			328,830 59	375,218 14	410 85
	Munising, Marquette & Southeastern Ry. Co.		1,182 85	36 84			117 83	11,395 10	
	Ontonagon Railroad Co.								
	Total.	\$160,396 82	\$68,222 851 80	\$2,615,033 39	\$3,597,155 21	\$181,970 87	\$1,206,445 89	\$31,511,292 07	\$3,001,154 64
Lower Peninsula—Classes I and II.									
70	Ann Arbor Railroad Co.	\$ 26,311 32	\$ 1,158,825 30	\$ 8,416 84				\$ 315,716 72	\$ 11,041 45
71	Bozoe City, Gaylord & Alpena Railroad Co.			4,792 12				75,344 47	7,630 19
72	Chicago, Kalamazoo & Saginaw Ry. Co.	685 47	84,649 20					6,257 70	1,435 76
73	Cincinnati Northern Railroad Co.	3,774 27	761,179 47	20,787 15				148,714 88	8,611 65
74	Cleveland, Cunn., Chicago & St. Louis Ry. Co.	2,344,478 72	18,882,629 72	213,925 12				5,506,568 14	1,338,044 64
75	Detroit, Bay City & Western Railroad Co.	58,049 12	106,046 99	18,756 92				19,135 99	20,000 00
76	Detroit & Mackinac Ry. Co.		505,759 45	19,458 60		\$2,892 93	166,424 75	393,104 69	5,755 39
77	Detroit Terminal Railroad Co.	106,609 49	609,789 86					15,743 43	4,007 52
78	Detroit, Toledo & Ironton Railroad Co.	45,543 48	1,309,030 75	18,486 74		6,411 84		184,915 07	118,329 48
79	Detroit & Toledo Shore Line Railroad Co.	1,390 33	941,706 30	32,050 00				187,730 68	515,688 12
	Grand Rapids & Indiana Ry. Co.	9,026 96	1,686,549 77	7,774 00				1,999,539 07	

TABLE NO. 1--GENERAL BALANCE SHEET--LIABILITIES AT CLOSE OF YEAR--Continued.

[illegible]

106	Pere Marquette Ry. Co.	137,979 35	11,263,522 96	176,760 99				263,305 54			311,633 67	1,654,045 43
108	Port Huron Southern Railroad Co.		2,434 92	340 42							3,418 19	533,269 99
109	Walsh Ry. Co.	23,273 98	13,333,792 20	96,311 60							1,123,861 17	21,152 31
110	Detroit Union R. R. Depot & Station Co.											
	Total	\$18,391,915 43	\$129,834,746 67	\$3,262,218 71				\$692,070 53	\$239,424 22	\$50,032,099 96		\$21,836,344 80
Class III.												
38	Blaney & Southern Ry. Co.											
39	Houghton, Chasell & South Western Ry. Co.											
41	Quincy & Torch Lake Railroad Co.											
42	Sault Ste. Marie Bridge Co.			\$9,600 00							\$3,487 67	\$19,366 03
44	Wisconsin & Michigan Railroad Co.			280 79							14,952 84	
45	Arcadia & Betsey River Ry. Co.											
46	Delray Connecting Railroad Co.											
47	Delray Terminal Railroad Co.											
48	East Jordan & Southern Railroad Co.											
49	Empire & South Eastern Railroad Co.											
50	Erie & Michigan Ry. & Navigation Co.	\$25,068 30		2,875 47								
51	Kalamazoo, Lake Shore & Chicago Ry. Co.			5,546 38								
52	Ludington & Northern Ry. Co.											
53	Michigan East and West Ry. Co., Reeve			5,751 32								
54	St. Clair Tunnel Co.			500 00								
56	Wyandotte Southern Railroad Co.			731 13								
57	Wyandotte Terminal Railroad Co.											
	Total	\$25,068 30		\$25,285 09								
	Grand Total, All Classes.	\$18,577,380 55	\$198,057,578 47	\$5,902,537 19				\$874,041 40	\$1,617,660 16	\$81,750,117 83		\$24,947,427 94

TABLE NO. 1—GENERAL BALANCE SHEET—LIABILITIES AT CLOSE OF YEAR.—Continued.

No.	Railroad.	Unadjusted credits		U. S. Government unadjusted credits.	Corporate Surplus.					Total.
		Total.			Additions to property through income and surplus. (779)	Sinking fund reserves. (781)	Miscellaneous fund reserves. (782)	Total appropriated surplus.	Profit and Loss. (784)	
Upper Peninsula—Classes I and II.										
58	Chicago, Milwaukee & St. Paul Ry. Co.	\$16,600,525 21		\$214,111 57	\$142,304 67	\$294,278 85		(a) \$469,533 52	\$38,504,991 26	\$38,974,574 78
59	Chicago & North Western Ry. Co.	16,229,134 34			461,545 67	2,542,906 16		3,004,450 83	\$2,732,913 94	55,767,364 77
60	Escanaba, Iron Mountain & Western R. R. Co.									
61	Copper Range Railroad Co.	334,660 64							799,066 44	799,066 44
62	Duluth, South Shore & Atlantic Ry. Co.	942,569 79		134,056 16					7,147,330 32	7,147,330 32
63	Escanaba & Lake Superior Railroad Co.	315,611 81							669,299 81	669,299 81
64	Lake Superior & Ishpeming Ry. Co.	1,178,181 07							1,694,927 56	1,694,927 56
65	Manistique & Lake Superior Railroad Co.	71,423 07							52,926 02	52,926 02
66	Mineral Range Railroad Co.	283,164 88		18,309 34					144,973 22	144,973 22
67	Hancock & Calumet Railroad Co.	302,136 71							302,966 55	302,966 55
68	Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.	5,096,554 44		1,015,088 52					20,488,014 68	20,488,014 68
69	Gogebic & Montreal River Railroad Co.								198,986 92	198,986 92
70	Munising, Marquette & Southeastern Ry. Co.	(b) 753,320 47							6,369 70	6,369 70
71	Ontonagon Railroad Co.	11,549 57								
	Total.	\$42,118,772 70		\$1,381,565 59	\$603,850 34	\$2,837,184 01		\$3,474,034 35	\$106,067,421 64	\$109,531,458 89
Lower Peninsula—Classes I and II.										
70	Ann Arbor Railroad Co.	\$318,341 33			\$133,004 92			\$133,004 92	\$1,728,828 32	\$1,861,923 24
71	Boyet City, Gaylord & Alpena Railroad Co.	118,580 11							253,453 82	253,453 82
72	Chicago, Kalamazoo & Saginaw Ry. Co.	7,063 46							477,459 06	477,459 06
73	Cincinnati Northern Railroad Co.	178,063 68			99,636 76			99,636 76	659,536 35	759,173 11
74	Cleveland, Cin., Chicago & St. Louis Ry. Co.	(c) 7,066,810 34			846,735 71	\$527,327 53		1,373,063 24	11,325,609 16	12,698,672 40
75	Detroit, Bay City & Western Railroad Co.	57,892 91							289,650 95	289,650 95
76	Detroit & Mackinac Ry. Co.	587,606 36			767,790 11			(d) 867,790 11	165,113 73	1,032,903 84
77	Detroit Terminal Railroad Co.	19,760 95							498,176 37	498,176 37
78	Detroit, Toledo & Ironton Railroad Co.	328,143 13			360,897 00			360,897 00	180,168 53	541,065 53
79	Detroit & Toledo Shore Line Railroad Co.	735,468 80							1,171,986 24	1,171,986 24
79	Grand Rapids & Indiana Ry. Co.	2,007,313 07			1,970,781 54			1,970,781 54	985,902 19	2,956,683 73

Grand Trunk System:									
81	Bay City Terminal Ry. Co.								
82	Chicago, Detroit & Canada G. T. Ter. R. R. Co.								
83	Chicago & Kalamazoo Terminal Railroad Co.								
84	Cincinnati, Saginaw & Mackinaw R. R. Co.	5,908 39							
	Detroit, Grand Haven & Milwaukee Ry. Co.	50,736 44	42,064 52					42,064 52	448,916 45
85	Grand Rapids Terminal Railroad Co.								
86	Detroit & Huron Railroad Co.								
87	Grand Trunk Western Ry. Co.	965,741 03	298,996 97					298,996 97	
88	Michigan Air Line Ry. Co.								
89	Pontiac, Oxford & Northern Railroad Co.	2,830 22	1,378 62					1,378 62	
90	Toledo, Saginaw & Muskegon Ry. Co.	5,014 14	1,735 00					1,735 00	
91	Manistee & North Eastern Railroad Co.	130,870 02	22,912 61					22,912 61	
92	Michigan Central Railroad Co.	(e) 9,605,720 84	6,455,884 04					6,455,884 04	24,904,040 05
93	Battle Creek & Sturgis Ry. Co.								
94	Canada Southern Bridge Co.								
	Detroit Manufacturers Railroad Co.								
95	Detroit River Tunnel Co.	21,599 82							
96	LaSalle Manufacturers Railroad Co.								
97	LaSalle Transit Ry. Co.								
98	St. Clair & Northern Railroad Co.								
99	St. Joseph, South Bend & Southern R. R. Co.								
100	New York Central Railroad Co.	50,245,937 61	93,924 85	643,547 39				737,472 24	81,080,770 14
101	Detroit, Hillsdale & South Western Railroad Co.								
102	Detroit, Toledo & Milwaukee Railroad Co.								
103	Erie & Kalamazoo Railroad Co.								
104	Fort Wayne & Jackson Railroad Co.								
105	Kalamazoo, Allegan & Grand Rapids R. R. Co.	2,405,735 63							
106	Pere Marquette Ry. Co.	3,715 61	18,900 87					18,900 87	2,923,840 14
107	Fort Huron Southern Railroad Co.	1,753,445 76	1,886 75	54,904 48				(f) 189,731 23	44,560 00
108	Walsh Ry. Co.	21,152 31						123,896 40	8,320,720 85
109	Detroit Union Railroad Depot & Station Co.								177,044 02
110									
	Total	\$76,943,459 96	\$11,116,549 87	\$1,225,779 40	\$123,896 40	\$12,609,225 67	\$127,919,614 85		\$140,618,840 52

FIRST ANNUAL REPORT

TABLE NO. 1—GENERAL BALANCE SHEET—LIABILITIES AT CLOSE OF YEAR.—Concluded.

No.	Railroad.	Unadjusted credits.	U. S. Government unadjusted credits	Corporate Surplus.					Total.	
		Total.		Additions to property through income and surplus. (779)	Sinking fund reserves. (781)	Miscellaneous fund reserves. (782)	Total appropriated surplus.	Profit and Loss. (784)		
Class III.										
38	Blaney & Southern Ry. Co.	\$22,853 70						\$22,853 70		\$22,853 70
39	Houghton, Chaswell & South Western Ry. Co.	14,132 21						14,132 21		14,132 21
41	Quincy & Torch Lake Railroad Co.	160,966 28						160,966 28		160,966 28
42	Sault Ste. Marie Bridge Co.	9,600 00			\$411,835 78			\$411,835 78		411,835 78
44	Wisconsin & Michigan Railroad Co.	1,810 39						6,966 37		6,966 37
45	Areadia & Betsey River Ry. Co.	11,585 11						3,784 50		3,784 50
46	Delray Connecting Railroad Co.	138,363 85		\$132,788 93				62,023 78		194,812 71
47	Delray Terminal Railroad Co.							159,347 86		159,347 86
48	East Jordan & Southern Railroad Co.	139,614 19						7,556 36		7,556 36
49	Empire & South Eastern Railroad Co.							26,068 30		26,068 30
50	Eric & Michigan Ry. & Navigation Co.	(e) 26,262 71						31,647 13		31,647 13
51	Kalamazoo Lake Shore & Chicago Ry. Co.	(h) 25,761 19						294,052 41		294,052 41
52	Ludington & Northern Ry. Co.	(i) 25,247 41						27,142 04		27,142 04
53	Michigan East & West Ry. Co., Receiver.	101,518 13						129,856 77		129,856 77
54	St. Clair Tunnel Co.	20,877 86		369,153 89			369,153 89	14,901 25		354,252 66
55	Wyandotte Southern Railroad Co.	3,475 09						21,366 64		21,366 64
56	Wyandotte Terminal Railroad Co.	731 13						74,473 09		74,473 09
	Total.	\$542,654 20		\$501,942 82	\$411,835 78		\$913,778 60	\$819,722 03		\$94,056 57
	Grand Total, All Classes.	\$119,304,886 86	\$1,381,565 59	\$12,222,343 03	\$4,474,799 19		\$17,087,038 62	\$233,157,314 36		\$250,244,355 98

(a) Includes Item 780, "Funded debt retired through Surplus and Income," \$33,000.00.
 (b) Includes Item 777, "Accrued Depreciation—Miscellaneous Physical Property," \$5,720.63.
 (c) Includes Item 772, "Premium on Funded Debt," \$0,272.44.
 (d) Includes Item 783, "Appropriation Surplus not specifically Invested," \$100,060.00.
 (e) Includes Item 777, "Accrued Depreciation—Miscellaneous Physical Property," \$6,949.38.
 (f) Includes Item 780, "Funded Debt retired through Surplus and Income," \$133,000.00.
 (g) Includes Item 777, "Accrued Depreciation—Miscellaneous Physical Property," \$3,414.03.
 (h) Includes Item 777, \$20,214.81.
 (i) Includes Item 777, \$2,997.62.
 Reverse items appear in italic type.

TABLE NO. 3.—CAPITAL STOCK, DECEMBER 31, 1918.

No.	Railroads.	Class of stock. (a)	Per value of amount authorized. (c)	Total par value outstanding at close of year (d)	Total par value Actually out- standing at close of year. (h)	Per value of amount not actually issued to close of year. (i)	Per value of total amount required after actual issue and held alive. (j)	Per value of stocks actually issued during present year.	amount of dividends di- sposed during year.
Upper Peninsula—Classes I and II.									
58	Chicago, Milwaukee & St. Paul Ry. Co.	Common	\$233,725 00	\$233,725 00	\$117,406 00	\$116,313,800 00	\$5,300 00		
		Preferred	116,274 00	116,274 00	115,845 80		86,100 00		
59	Chicago & North Western Ry. Co.	Common	145,365 00	145,152 50	145,152 50				\$10,160,675 00
		Preferred	22,395 00	22,395 00	22,395 00				1,791,600 00
60	Escanaba, Iron Mountain & Western R. R. Co.	Special	65 00	65 00	65 00				
61	Copper Range Railroad Co.	Common	50,000 00	50,000 00	50,000 00				
		Common	4,244,300 00	4,244,300 00	4,244,300 00				
62	Duluth, South Shore & Atlantic Ry. Co.	Common	12,000 00	12,000 00	12,000 00				
		Preferred	10,000 00	10,000 00	10,000 00				
63	Escanaba & Lake Superior Railroad Co.	Common	10,693 00	10,693 00	10,693 00				
64	Manistique & Lake Superior Railroad Co.	Common	250 00	250 00	250 00				
65	Mineral Range Railroad Co.	Common	1,500 00	1,500 00	1,500 00				
66	Hancock & Calumet Railroad Co.	Common	350 00	350 00	350 00				
67	Minneapolis, St. Paul & Sault Ste Marie Ry. Co.	Common	25,206 80	25,206 80	25,206 80				1,764,476 00
		Preferred	12,603 40	12,603 40	12,603 40				882,238 00
68	Gogebic & Montreal River Railroad Co.	Common	600 00	600 00	600 00				
69	Ontonagon Railroad Co.	Common	30 00	30 00	30 00				
70	Lake Superior & Ishpeming Railroad Co.	Common	1,000 00	1,000 00	1,000 00				
10	Marquette & Southeastern Ry. Co.	Common	1,870 00	1,870 00	1,844,350 00	25,650 00			
Total, Upper Peninsula.			\$588,222,500 00	\$588,010,000 00	\$471,236,150 00	\$116,339,450 00	\$91,400 00		\$14,598,989 00
Lower Peninsula, Classes I and II.									
70	Ann Arbor Railroad Co.	Common	\$3,250,000 00	\$3,250,000 00	\$3,250,000 00				
		Preferred	4,000,000 00	4,000,000 00	4,000,000 00				
14	Boyer City, Gaylord & Alpena Railroad Co.	Common	1,000 00	669 00	669 00				
71	Chicago, Kalamazoo & Saginaw Ry. Co.	Common	2,000 00	450 00	450 00				
72	Cincinnati Northern Railroad Co.	Common	3,000 00	3,000 00	3,000 00				\$90,000 00
		Common	50,000 00	47,056 50	47,028 70	\$27,600 00			
73	Cleveland, Cincinnati, Chicago & St. Louis Ry. Co.	Preferred	10,000,000 00	10,000,000 00	9,998,500 00	1,500 00			449,925 00

TABLE NO. 2.—CAPITAL STOCK, DECEMBER 31, 1918.—Concluded.

No.	Railroads.	Class of stock. (a)	Par value of amount authorized. (c)	Total par value outstanding at close of year. (d)	Total par value actually out- standing at close of year. (h)	Par value of amount nomi- nally but not actually issued at close of year. (i)	Par value of total amount required after a full issue and held alive. (j)	Par value of stocks actually issued during present year.	Amount of dividends di- clared during year.
Lower Peninsula—Classes I and II.—Concluded.									
74	Detroit, Bay City & Western Railroad Co.	Common	\$450,000 00	\$450,000 00	\$450,000 00				\$50,000 00
75	Detroit & Mackinac Ry. Co.	{ Common Preferred	2,000,000 00 1,000,000 00	2,000,000 00 950,000 00	2,000,000 00 950,000 00				47,500 00
76	Detroit Terminal R. R. Co.	Common	2,000,000 00	2,000,000 00	2,000,000 00				
77	Detroit, Toledo & Fronton Railroad Co.	Common	6,500,000 00	6,500,000 00	6,500,000 00				
78	Detroit & Toledo Shore Line Railroad Co.	{ Preferred Common	8,000,000 00 1,428,000 00	6,000,000 00 1,428,000 00	5,989,988 00 1,428,000 00	\$10,000 00			114,240 00
79	Grand Rapids & Indiana Ry. Co.	Common	6,000,000 00	5,791,700 00	5,791,700 00				
80	Grand Trunk Railway System:								
81	Bay City Terminal Ry. Co.	Common	15,000 00	15,000 00	15,000 00				
82	Chicago & Kalamazoo Terminal Railroad Co.	Common	100,000 00	100,000 00	100,000 00				
84	Detroit, Grand Haven & Milwaukee Ry. Co.	Common	1,500,000 00	1,500,000 00	1,500,000 00				
85	Grand Rapids Terminal Railroad Co.	Common	50,000 00	50,000 00	50,000 00				
86	Detroit & Huron Ry. Co.	Common	148,000 00	148,000 00	148,000 00				
87	Grand Trunk Western Ry. Co.	Common	6,000,000 00	6,000,000 00	6,000,000 00				
89	Pontiac, Oxford & Northern Railroad Co.	Common	1,000,000 00	1,000,000 00	1,000,000 00				
90	Toledo, Saginaw & Muskegon Ry. Co.	Common	2,800,000 00	2,800,000 00	1,600,000 00	1,200,000 00			
92	Manistee & North Eastern Railroad Co.	Common	2,000,000 00	2,000,000 00	2,000,000 00		\$1,500 00		749,456 00
91	Michigan Central Railroad Co.	Common	18,738,000 00	18,738,000 00	18,738,000 00				
92	Battle Creek & Sargis Ry. Co.	Common	1,000,000 00	500,000 00	500,000 00				
93	Canada Southern Bridge Co.	Common	1,500,000 00	450,000 00	450,000 00				
94	Detroit Manufacturers Railroad Co.	Common	300,000 00	300,000 00	300,000 00				22,500 00
95	Detroit River Tunnel Co.	Common	3,000,000 00	3,000,000 00	3,000,000 00				180,000 00
96	Lansing Manufacturers Railroad Co.	Common	100,000 00	100,000 00	100,000 00				3,750 00
97	Lansing Transit Ry. Co.	Common	50,000 00	2,000 00	2,000 00				
98	St. Clair & Western Railroad Co.	Common	120,000 00	120,000 00	20,000 00				
99	St. Joseph, South Bend & Southern R. R. Co.	{ Common Preferred	500,000 00 250,000 00	500,000 00 250,000 00	480,000 00 184,000 00		20,000 00 86,000 00		12,000 00 8,200 00
100	New York Central Railroad Co.	Common	400,000,000 00	249,849,360 00	249,597,355 00				12,479,610 00
101	Detroit, Hillsdale & South Western R. R. Co.	Common	1,350,000 00	1,350,000 00	1,350,000 00	232,000 00			54,000 00
102	Detroit, Toledo & Milwaukee Railroad Co.	Common	1,000,000 00	1,000,000 00	1,000,000 00				
103	Erie & Kalamazoo Railroad Co.	Common	1,000,000 00	300,000 00	300,000 00				27,000 00
104	Fort Wayne & Jackson Railroad Co.	{ Common Preferred	436,132 00 2,291,416 00	436,132 00 2,291,416 00	436,132 00 2,291,416 00				126,027 88

MICHIGAN PUBLIC UTILITIES COMMISSION

65

105	Kalamazoo, Allegan & Grand Rapids R. R. Co.	Common	610,000 00	610,000 00	610,000 00	610,000 00	610,000 00	36,600 00
106	Pere Marquette Ry. Co.	Preferred	45,046,000 00	45,046,000 00	45,046,000 00	45,046,000 00	45,046,000 00	560,000 00
108	Port Huron Southern Railroad Co.	Common	11,200,000 00	11,200,000 00	11,200,000 00	11,200,000 00	11,200,000 00	462,000 00
109	Wabash Ry. Co.	Preferred P. S.	60,554,500 00	56,828,902 00	56,828,902 00	56,828,902 00	56,828,902 00	90,000 00
110	Detroit Union R. R. Depot & Station Co.	Preferred Con.	59,464,500 00	59,464,500 00	59,464,500 00	59,464,500 00	59,464,500 00	
		Common	23,441,000 00	22,199,134 00	22,199,134 00	22,199,134 00	22,199,134 00	
		Common	2,500,000 00	2,250,000 00	2,250,000 00	2,250,000 00	2,250,000 00	
	Total, Lower Peninsula.		\$758,900,848 00	\$596,482,944 00	\$594,884,037 00	\$1,471,102 00	\$107,600 00	\$15,562,808 88
Class III.								
38	Blaney & Southern Railway Co.	Common	\$75,000 00	\$75,000 00	\$75,000 00	\$75,000 00	\$75,000 00	
39	Houghton, Chassell & South Western Ry. Co.	Common	50,000 00	50,000 00	50,000 00	50,000 00	50,000 00	
41	Quincy & Torch Lake Railroad Co.	Common	50,000 00	50,000 00	50,000 00	50,000 00	50,000 00	
42	Sault Ste. Marie Bridge Co.	Common	1,000,000 00	1,000,000 00	1,000,000 00	1,000,000 00	1,000,000 00	
44	Wisconsin & Michigan Railroad Co.	Common	947,500 00	947,500 00	947,500 00	947,500 00	947,500 00	
45	Arcadia & Betsey River Ry. Co.	Common	165,000 00	150,000 00	150,000 00	150,000 00	150,000 00	
46	Delray Connecting Railroad Co.	Common	1,000,000 00	1,000,000 00	1,000,000 00	1,000,000 00	1,000,000 00	
47	Delray Terminal Railroad Co.	Common	50,000 00	50,000 00	50,000 00	50,000 00	50,000 00	
48	East Jordan & Southern Railroad Co.	Common	250,000 00	250,000 00	250,000 00	250,000 00	250,000 00	
49	Empire & South Eastern Railroad Co.	Common	250,000 00	92,705 00	92,705 00	92,705 00	92,705 00	
50	Erie & Michigan Ry. & Navigation Co.	Common	500,000 00	37,400 00	37,400 00	37,400 00	37,400 00	
51	Kalamazoo, Lake Shore & Chicago Ry. Co.	Common	600,000 00	15,000 00	15,000 00	15,000 00	15,000 00	
52	Ludington & Northern Ry. Co.	Common						
53	Michigan East & West Ry. Co., Receiver	Common	1,000,000 00	200,000 00	200,000 00	200,000 00	200,000 00	
54	St. Clair Tunnel Co.	Common	2,000,000 00	700,000 00	700,000 00	700,000 00	700,000 00	
56	Wyandotte Southern Railroad Co.	Common	25,000 00	25,000 00	25,000 00	25,000 00	25,000 00	
57	Wyandotte Terminal Railroad Co.	Common	10,000 00	10,000 00	10,000 00	10,000 00	10,000 00	
	Total, Class III.		\$7,872,500 00	\$4,652,605 00	\$4,652,605 00			
	Grand Total, All classes.		\$1,354,995,848 00	\$1,189,145,549 00	\$1,070,772,792 00	\$117,810,552 00	\$199,000 00	\$30,161,797 88

FIRST ANNUAL REPORT

TABLE NO. 4—UNMATURED FUNDED DEBT—AMOUNT ACTUALLY OUTSTANDING AT CLOSE OF YEAR.

No.	Railroads.	Equipment obligations. (a)	Mortgage bonds. (b)	Collateral trust notes. (c)	Income bonds. (d)	Miscellaneous obligations. (e)	Receipts outstanding. (f)	Total funded debt. (g)
Upper Peninsula—Classes I and II.								
58	Chicago, Milwaukee & St. Paul Railway Co.		\$250,517,800 00			\$131,443,454 66		\$381,961,254 66
59	Chicago & North Western Railway Co.	\$4,396,000 00	159,991,000 00	\$28,096,000 00		18,971,000 00		211,454,000 00
60	Escanaba, Iron Mountain & Western Railroad Co.		1,350,000 00					1,350,000 00
61	Copper Range Railroad Co.		2,280,000 00					2,280,000 00
62	Duluth, South Shore & Atlantic Railway Co.	431,000 00	20,000,000 00					20,431,000 00
63	Escanaba & Lake Superior Railroad Co.		692,000 00					692,000 00
64	Lake Superior & Ishpeming Railway Co.				\$1,100,000 00			1,100,000 00
65	Manistique & Lake Superior Railroad Co.		1,918,000 00					2,062,673 67
66	Mineral Range Railroad Co.	144,673 67	325,000 00					325,000 00
	Hancock & Calumet Railroad Co.							
67	Minneapolis, St. Paul & Sault Ste. Marie Railway Co.	4,111,000 00	71,976,800 00	11,177,100 00				87,264,900 00
68	Gogebie & Montread River Railroad Co.		390,000 00		130,000 00			520,000 00
10	Munising, Marquette & Southeastern Railway Co.		1,160,000 00					1,160,000 00
69	Ontonagon Railroad Co.							
	Total, Upper Peninsula	\$9,082,673 67	\$510,600,600 00	\$39,273,100 00	\$1,230,000 00	\$150,414,454 66		\$710,600,828 33
Lower Peninsula, Classes I and II.								
70	Ann Arbor Railroad Co.	\$246,562 50	\$7,000,000 00	\$622,000 00				\$7,868,562 50
14	Bozette City, Gaylord & Alpena Railroad Co.		800,000 00					800,000 00
71	Chicago, Kalamazoo & Saginaw Railway Co.		1,268,000 00					1,268,000 00
72	Cincinnati, Northern Railroad Co.	301,000 00	1,000,000 00					1,301,000 00
73	Cleveland, Cincinnati, Chicago & St. Louis Railway Co.	10,358,488 87	59,146,500 00	9,194,000 00		\$19,662,605 94		98,361,594 81
74	Detroit, Bay City & Western Railroad Co.	20,000 00	757,000 00					777,000 00
75	Detroit & Mackinac Railway Co.	2,300,000 00						2,300,000 00
76	Detroit Terminal Railroad Co.							
77	Detroit, Toledo & Irontrout Railroad Co.	516,000 00	1,439,000 00		\$7,628,868 00	142,048 75		9,725,916 75
78	Detroit & Toledo Shore Line Railroad Co.		3,000,000 00					3,000,000 00
79	Grand Rapids & Indiana Railway Co.		11,373,000 00			150,000 00		11,523,000 00
	Grand Trunk Railway System:							
80	Bay City Terminal Railway Co.							
81	Chicago, Detroit & Canada G. T. Jct. Railroad Co.							
82	Chicago & Kalamazoo Terminal Railroad Co.							

MICHIGAN PUBLIC UTILITIES COMMISSION

67

83	Cincinnati, Saginaw & Mackinaw Railroad Co.	5,199,000 00				5,199,000 00
84	Detroit, Grand Haven & Milwaukee Railway Co.				574,068 91	574,068 91
85	Grand Rapids Terminal Railroad Co.					
86	Detroit & Huron Railroad Co.					
87	Grand Trunk Western Railroad Co.	30,412,720 00			700,000 00	31,112,720 00
88	Michigan Air Line Railway Co.					
89	Pontiac, Oxford & Northern Railroad Co.					
90	Toledo, Saginaw & Muskegon Railway Co.					
91	Manistee & North Eastern Railroad Co.	6,807 67				1,138,807 67
92	Michigan Central Railroad Co.	11,388,418 34			7,634,000 00	52,178,418 34
93	Battle Creek & Sault Ste. Marie Railway Co.					
94	Canada Southern Bridge Co.	500,000 00				500,000 00
95	Detroit Manufacturers Railroad Co.	18,000,000 00				18,000,000 00
96	Detroit River Tunnel Co.	57,000 00			18,000 00	75,000 00
97	LaSalle Manufacturers Railway Co.					
98	Leaning Transit Railway Co.					
99	St. Clair & Western Railroad Co.					
100	St. Joseph, South Bend & Southern Railroad Co.					
101	New York Central Railroad Co.	41,591,201 45			120,500,000 00	688,285,201 45
102	Detroit, Hillsdale & South Western Railroad Co.	481,724,000 00				
103	Detroit, Toledo & Milwaukee Railroad Co.					
104	Erie & Kalamazoo Railroad Co.					
105	Fort Wayne & Jackson Railroad Co.					
106	Kalamazoo, Allegan & Grand Rapids Railroad Co.	840,000 00				840,000 00
107	Pere Marquette Railway Co.	30,455,000 00				36,325,000 00
108	Port Huron Southern Railroad Co.	5,870,000 00				
109	Walsh Railway Co.	62,539,909 00			232,450 00	64,860,359 00
	Total, Lower Peninsula	\$65,106,478 83	\$752,099,129 00	\$61,656,000 00	\$7,861,318 00	\$1,036,103,679 43
Class III.						
42	Sault Ste. Marie Bridge Co.					
51	Kalamazoo, Lake Shore & Chicago Railway Co.					
52	Ludington & Northern Railway Co.					
54	St. Clair Tunnel Co.					
	Total, Class III					
	Grand total, all classes	\$74,189,152 50	\$1,266,130,729 00	\$100,929,100 00	\$9,091,318 00	\$1,749,561,408 55

TABLE NO. 4—UNMATURED FUNDED DEBT—TOTAL—Continued.

No.	Railroads.	Amount nominally but not actually issued to close of year.		Reacquired after actual issue and held alive by or for respondent.		Interest during year on actually outstanding debt.		Par value of evidences of debt actually issued during present year.
		Held by respondent unencumbered.	Pledged or otherwise encumbered.	Unencumbered.	Pledged or otherwise encumbered.	Interest accrued.	Interest paid.	
Upper Peninsula—Classes I and II.								
58	Chicago, Milwaukee & St. Paul Railway Co.	\$117,217 200 00		\$30,000 00	\$2,285,700 00	\$16,696,502 82	\$16,572,133 75	
59	Chicago & North Western Railway Co.	16,241,300 00	\$32,531,000 00		1,403,000 00	8,816,106 39	8,676,629 87	
60	Escanaba, Iron Mountain & Western Railroad Co.					114,000 00	114,000 00	
61	Copper Range Railroad Co.					882,750 00	181,007 50	
62	Duluth, South Shore & Atlantic Railway Co.							
63	Escanaba & Lake Superior Railroad Co.					48,848 33	51,803 33	
64	Lake Superior & Ishpeming Railway Co.					5,500 04	5,500 00	
65	Manistique & Lake Superior Railroad Co.					91,894 77	86,910 62	
66	Mineral Range Railroad Co.	6,000 00						
67	Hancock & Calumet Railroad Co.							
68	Minneapolis, St. Paul & Sault Ste. Marie Ry. Co.					3,558,170 26	3,496,076 87	
69	Gogebic & Montreal River Railroad Co.					56,400 00	56,400 00	
	Munising, Marquette & Southeastern Railway Co.							
	Ontonagon Railroad Co.							
	Total, Upper Peninsula.	\$133,464,500 00	\$32,531,000 00	\$30,000 00	\$3,668,700 00	\$30,270,172 61	\$29,240,461 94	
Lower Peninsula—Classes I and II.								
70	Ann Arbor Railroad Co.	\$18,000 00	\$1,860,000 00			\$333,178 35	\$328,172 00	
71	Bozette City, Gaylord & Alpena Railroad Co.					35,937 50	40,000 00	
72	Chicago, Kalamazoo & Saginaw Railway Co.					50,720 00	50,720 00	
73	Cincinnati Northern Railroad Co.					56,483 00	57,240 00	
	Cleveland, Cincinnati, Chicago & St. Louis Railway Co.		250,000 00	11,230 00	\$632,000 00	4,220,303 37	4,009,539 13	\$1,773,000 00
74	Detroit, Bay City & Western Railroad Co.					38,994 43	39,275 00	
75	Detroit & Mackinac Railway Co.					92,000 00	89,360 00	
76	Detroit Terminal Railroad Co.							
77	Detroit, Toledo & Ironport Railroad Co.	91,000 00	102,000 00			133,175 79	96,258 72	
78	Detroit & Toledo Shore Line Railroad Co.					120,000 00	119,200 00	
79	Grand Rapids & Indiana Railway Co.	190,000 00				483,605 00	475,135 00	

TABLE NO. 5—PROFIT AND LOSS ACCOUNT.

Debits.											
No.	Railroads.	Balance at beginning of year.	Debit balance transferred from income.	Appropriations of surplus.					Loss on retired road and equipment.	Delayed income debits.	Miscellaneous debits.
				To sinking reserve funds.	For investment in physical property.	Debt discount extinguished through.	Miscellaneous.	Dividends.			
	Upper Peninsula—Classes I and II.										
58	Chicago, Milwaukee & St. P. Ry. Co.				\$13,746 95				\$1,202,594 72		\$50,742 10
59	Chicago & North Western Ry. Co.										2,088 00
61	Copper Range R. R. Co.										304 51
62	Duluth, So. Shore & Atlantic Ry. Co.	\$6,727,186 58	\$417,131 47						16,196 95		
63	Escanaba & Lake Superior R. R. Co.										189,906 12
64	Lake Superior & Ishpeming Ry. Co.										
65	Manistique & Lake Superior R. R. Co.								1,886 62		10,400 48
66	Mineral Range R. R. Co.										5,904 75
67	Hancock & Calumet R. R. Co.								22,677 50		10,980 36
68	Minneapolis, St. P. & S. Ste. Marie Ry.	283,205 20									236 57
10	Munising, Marquette & S. E. Ry. Co.	6,318 08									
69	Ontonagon R. R. Co.										
	Total, Upper Peninsula.....	\$7,016,709 86	\$417,131 47		\$13,746 95			\$2,646,714 00	\$1,243,355 79		\$270,562 89
	Lower Peninsula—Classes I and II.										
70	Ann Arbor R. R. Co.		\$15,969 42						\$1,396 47	\$1,456 77	
71	Boyer City, Gaylord & Alpena R. R.								3,302 72		
71	Chicago, Kalamazoo & Saginaw Ry.	\$414,515 31						\$90,000 00	9,192 09		\$ 1,397 38
72	Cincinnati Northern R. R. Co.								123,983 21		747,492 15
73	Cleveland, Cin., Chicago & St. L. Ry.				\$3,438 97						
74	Detroit, Bay City & Western R. R.										
75	Detroit & Mackinac Ry. Co.										
76	Detroit Terminal R. R. Co.								2,631 78	327,505 57	
77	Detroit, Toledo & Ironton R. R. Co.		15,844 71								
78	Detroit & Toledo Shore Line R. R.										
79	Grand Rapids & Indiana Ry. Co.				4,390 94			114,240 00	11,088 75		235,950 59

MICHIGAN PUBLIC UTILITIES COMMISSION

71

Grand Trunk Railway System:									
83	Cin., Saginaw & Mackinaw R. R.							512 52	
84	Det., Grand Haven & Mil Ry. Co.							770 80	
87	Grand Trunk Western Ry. Co.		38 60					669 06	
89	Pontiac, Oxford & Northern R. R.		8,435 17						1,490 32
92	Manistee & N. E. R. Co.								23,095 36
91	Michigan Central R. R. Co.		201,598 29					311,910 04	
93	Canada Southern Bridge Co.								
94	Detroit Manufacturers R. R. Co.								
95	Detroit River Tunnel Co.								
99	St. Joseph, So. Bend & So. R. R.								
100	New York Central R. R. Co.								
101	Detroit, Hillsdale & S. W. R. R.		4 19					31,054 16	
102	Detroit, Toledo & Milwaukee R. R.								
103	Erie & Kalamazoo R. R.								
104	Port Wayne & Jackson R. R.		80 85						
106	Pere Marquette Ry.								
108	Port Huron Southern R. R.								
109	Wabash Ry. Co.		4,877 26						
110	Detroit Union R.R. Depot & Sta. Co.								
	Total, Lower Peninsula.....	\$700,472 33	\$246,248 49					\$497,099 97	\$3,013,373 60
	Class III.								
38	Blaney & Southern Ry.								
39	Houghton, Chassell & S. W. R. R.		\$390 87						
41	Quincy & Torch Lake R. R.	\$22,462 83	543 59						
44	Wisconsin & Michigan R. R.	13,648 62	16,776 06						
45	Acadia & Betsey River R. R.	144,190 22	6,966 37						
46	Aradisa & Betsey River R. R.	10,063 35	5,190 71						
47	Delray Connecting R. R.								
47	Delray Terminal R. R.	97,517 93	27,829 93						
48	East Jordan & Southern R. R.	10,239 34							
49	Empire & South Eastern R. R.	16,312 88	8,755 42						
50	Erie & Michigan Ry. & Nav. Co.								\$519 25
51	Kalamazoo, I. S. & Chicago Ry.	233,165 64	60,886 77						
52	Ludington & Northern Ry.	18,718 84	8,769 08						
53	Michigan E. & W. Ry. Co. Receiver.	125,473 72	1,213 20						
54	St. Clair Tunnel Co.	14,901 23	14,901 23						
56	Wyandotte Southern R. R.	13,200 58	8,165 96						
57	Wyandotte Terminal R. R.	37,972 93	36,500 16						
	Total, Class III.....	\$742,966 68	\$196,889 35						\$3,669 10
	Grand total, all classes.....	\$8,460,149 07	\$860,869 31					\$3,013,373 60	\$1,709,801 87

Note—Deficit items appear in italic type.

FIRST ANNUAL REPORT

TABLE NO. 5.—PROFIT AND LOSS ACCOUNT—Continued.

No.	Railroads.	Total debits.	Credits.							Balance carried to balance sheet.	
			Balance at beginning of year.	Credit balance transferred from income.	Profit on road and equipment sold.	Delayed income credits.	Unre- und- able over charges.	Donations.	Miscellaneous credits.		Total credits.
Upper Peninsula—Classes I and II.											
58	Chicago, Milwaukee & St. Paul Ry.	\$1,267,083 77	\$30,975,174 09	\$6,327,891 10	\$204 92		\$47,823 07	\$13,746 95	\$407,234 90	\$37,772,075 03	\$36,504,991 26
59	Chicago & North Western Ry.	2,088 00	717,217 50	83,966 94						801,184 44	799,096 44
61	Copper Range R. Co.	7,160,819 51	657,946 60	11,353 21				4,684 70	8,804 49	669,299 81	7,177,580 32
62	Duluth, South Shore & Atlantic Ry.		1,434,303 70	449,484 85					1,045 13	1,894,833 68	1,694,927 56
6	Lake Superior & Ishpeming Ry.	189,906 12									
64	Manistique & Lake Superior R. R.	12,287 10	39,432 08	13,343 94					150 00	52,926 02	52,926 02
65	Mineral Range R. R.		56,183 20	37,804 73	62,524 14			637 55	110 70	157,260 32	144,973 22
66	Hancock & Calumet R. R.		302,968 55							302,968 55	302,968 55
67	Minneapolis St. P. & S. Ste. M. Ry.	2,675,296 25	19,911,878 17	3,213,131 14	1,587 68		19,144 24	800 00	16,769 70	23,163,310 93	20,488,014 68
10	Munising, Marquette & S. E. Ry.	294,185 56		85,558 24			77 78		9,562 62	95,198 64	198,868 28
69	Ontonagon R. R.	6,554 65							184 95	184 95	6,569 70
Total, Upper Peninsula.		\$11,608,220 96	\$54,095,103 89	\$10,222,534 15	\$64,316 74		\$67,045 09	\$19,869 20	\$443,862 49	\$64,912,731 56	\$53,304,510 60
Lower Peninsula—Classes I and II.											
70	Ann Arbor R. R.	\$17,365 89	\$1,722,708 67	\$8,698 41	\$2,291 50				\$21,194 04	\$1,746,194 21	\$1,728,828 32
14	Bozette City, Gaylord & Alpena R. R.	1,456 77	246,212 18	6,327 82					1 16	254,910 58	253,453 82
71	Chicago, Kalamazoo & Saginaw Ry.	417,818 03	545,896 83	213,791 20			\$96 76		341 03	6,328 96	417,469 06
72	Cincinnati Northern R. R.	100,589 47	9,661,133 72	2,493,013 62			13,360 31	\$9,988 08	23,027 76	760,125 82	659,536 35
73	Cleveland, Cnn., Chi. & St. L. Ry.	874,914 33								12,200,523 49	11,325,609 16
74	Detroit, Bay City & Western R. R.	281,800 22	281,800 22	7,850 73						289,650 95	289,650 95
75	Detroit & Mackinac Ry.	132,051 21	32,846 60	45 00					170 92	165,113 73	165,113 73
76	Detroit Terminal R. Co.	712,232 36	116,061 36							828,313 72	498,176 37
77	Detroit, Toledo & Ironton R. R.	15,844 71	196,003 24							196,003 24	180,158 53
78	Detroit & Toledo Shore Line R. R.	114,240 00	997,104 38	289,121 86						1,286,226 24	1,171,986 24
79	Grand Rapids & Indiana Ry.	251,430 28	921,169 82	206,119 69	8 32		582 34	4,390 94	105,061 36	1,237,332 47	985,902 19
Grand Trunk Railway System:											
83	Cnn., Saginaw & Mackinac R. R.	512 52		512 52						512 52	
84	Detroit, Gd. Haven & Mil. Ry.	286,153 82		716 69			6 17	431 96		1,153 82	\$66,000 00
87	Grand Trunk Western Ry.	669 06		669 06						669 06	
89	Pontiac, Oxford & Northern R. R.	439 01						439 01		439 01	

MICHIGAN PUBLIC UTILITIES COMMISSION

73

32	Manistee & N. E. R. R.	9,925 49	143,895 81	.....	.....	208 35	.....	131 41	144,235 57	134,310 08
91	Michigan Central R. R.	538,801 48	18,589,136 74	.....	.....	.....	.....	396,222 36	18,987,556 89	18,448,765 41
93	Canada Southern Bridge Co.	.....	327,143 59	.....	.....	.....	.....	.....	327,143 59	327,143 59
94	Detroit Manufacturers R. R.	7,500 00	13,437 03	123 44	.....	.....	.....	.....	13,560 47	6,060 47
95	Detroit River Tunnel Co.	.....	267,184 86	65,553 64	.....	.....	.....	.....	332,738 50	332,738 50
99	St. Joseph, So. Bend & S. R. R.	20,200 00	14,362 35	18,684 80	.....	.....	.....	.....	33,047 15	12,847 15
100	New York Central R. R.	454,054 65	75,245,201 74	5,321,948 09	27,766 74	.....	.....	802,139 98	81,387,352 55	80,043,297 90
101	Detroit, Hillsdale & S. W. R. R.	961 21	.....	.....	.....	.....	.....	.....	.....	961 21
102	Detroit, Toi. & Milwaukee R. R.	.....	513 34	.....	.....	.....	.....	.....	513 34	513 34
103	Erie & Kalamazoo R. R.	12 99	.....	342 11	.....	.....	.....	.....	355 10	355 10
104	Fort Wayne & Jackson R. R.	80 85	340 02	.....	.....	.....	.....	.....	340 02	259 17
106	Pere Marquette Ry.	1,203,439 00	2,313,806 27	1,894,124 67	3,268 50	.....	.....	231 85	4,217,279 14	2,923,840 14
108	Port Huron Southern R. R.	.....	37,221 73	9,876 19	.....	.....	.....	.....	47,067 92	44,660 00
109	Wabash Ry. Co.	2,416,449 05	7,938,388 06	2,581,324 77	26,574 54	.....	.....	738 66	10,547,170 03	8,130,720 98
110	Det. Union R. R. Depot & Sta. Co.	4,877 26	58,024 88	.....	.....	.....	.....	.....	58,024 88	53,147 62
	Total, Lower Peninsula.....	\$7,160,298 15	\$120,365,002 04	\$13,272,583 53	\$59,854 80	\$14,253 93	\$23,735 63	\$1,349,260 63	\$135,079,913 00	\$127,919,614 85
Class III.										
38	Blaney & Southern Ry.	\$22,853 70	.....	.....	.....	.....	.....	.....	.....	\$22,853 70
39	Houghton, Chasell & S. W. Ry.	14,192 21	.....	.....	.....	.....	.....	.....	.....	14,192 21
41	Quincy & Torch Lake R. R.	160,966 28	.....	.....	.....	.....	.....	.....	.....	160,966 28
44	Wisconsin & Michigan R. R.	6,966 37	.....	.....	.....	.....	.....	.....	.....	6,966 37
45	Arcadia & Beley River Ry.	15,254 06	.....	.....	.....	.....	.....	.....	.....	5,784 50
46	Delray Connecting R. R.	122,788 93	\$132,788 93	\$61,607 33	.....	.....	\$5,000 00	\$6,469 56	\$11,469 56	62,025 78
47	Delray Terminal R. R.	135,347 86	.....	.....	.....	.....	418 45	.....	194,814 71	125,347 86
48	East Jordan & Southern R. R.	10,239 34	.....	17,795 70	.....	.....	.....	.....	17,795 70	7,556 36
49	Empire & South Eastern R. R.	25,068 30	.....	.....	.....	.....	.....	.....	.....	25,068 30
50	Erie & Michigan Ry. & Nav. Co.	519 25	27,065 10	5,101 28	.....	.....	.....	.....	32,166 38	31,647 13
51	Kalamazoo, Lake Shore & Chi. Ry.	294,052 41	.....	.....	.....	.....	.....	.....	.....	\$94,058 41
52	Ludington & Northern Ry.	27,487 92	.....	.....	.....	.....	.....	.....	345 88	\$7,148 04
53	Michigan E. & W. Ry. Co. Receiver.	129,836 77	.....	.....	.....	.....	.....	.....	.....	189,836 77
54	St. Clair Tunnel Co.	14,901 23	.....	.....	.....	.....	.....	.....	.....	14,901 23
55	Wyandotte Southern R. R.	21,366 54	.....	.....	.....	.....	.....	.....	.....	\$1,366 54
57	Wyandotte Terminal R. R.	74,473 09	.....	.....	.....	.....	.....	.....	.....	74,473 09
	Total, Class III.....	\$1,076,314 26	\$159,854 03	\$84,504 31	\$345 88	.....	\$5,000 00	\$6,888 01	\$256,592 23	\$819,728 03
	Grand total, all classes.....	\$19,844,833 37	\$174,619,959 96	\$23,579,621 99	\$124,617 22	\$31,299 02	\$48,604 83	\$1,800,011 03	\$200,249,238 79	\$180,404,403 42

Deficit items appear in italic type.

FIRST ANNUAL REPORT

TABLE NO. 6.—INCOME ACCOUNT FOR THE YEAR—U. S. RAILROAD ADMINISTRATION.

		Operating income.								
No.	Railroads.	Railway operating revenues. (501)	Railway operating expenses. (531)	Net revenue from railway operations.	Railway tax accruals. (532)	Ad valorem tax on railway property in Michigan.	Uncollectible revenues. (533)	Railway operating income.†	Miscellaneous operating income.†	Total operating income.†
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Ry.	\$132,894,454 65	\$122,196,104 85	\$10,698,349 80	\$6,185,935 21	\$92,602 30	\$44,640 86	\$4,467,773 73		\$4,467,773 73
2	Chicago & Northwestern Ry.	127,295,678 35	109,498,572 24	17,797,106 11	5,497,481 47	282,190 32	26,667 92	12,272,956 72		12,272,956 72
3	Copper Range R. R.	1,144,215 84	999,916 16	144,299 68	52,305 04	50,252 70		91,994 64		91,994 64
4	Duluth, South Shore & Atlantic Ry.	4,824,186 80	4,293,020 84	561,165 96	223,923 03	205,724 18	33 79	337,209 14		337,209 14
5	Escanaba & Lake Superior R. R.	320,413 40	357,530 73	57,117 37	28,286 92	27,296 81		65,404 25		65,404 25
6	Lake Superior & Ishpeming Ry.	1,479,713 70	710,843 15	768,870 55	288,632 90	38,432 32		480,237 65		480,237 65
7	Manistique & Lake Superior Ry.	195,048 03	187,255 67	7,792 36	6,620 27	5,580 00		1,172 09		1,172 09
8	Mineral Range R. R.	1,143,534 20	1,101,261 76	42,272 44	40,000 00	40,000 00		2,272 44		2,272 44
9	Minneapolis, St. P. & S. Ste. Marie Ry.	35,985,292 81	29,690,607 92	6,304,684 89	2,185,259 88	119,287 59	332 95	4,119,082 06		4,119,082 06
10	Munising, Marquette & S. E. Ry.	861,648 41	626,904 51	234,743 90	45,353 21	31,990 86	40 17	189,350 52		189,350 52
11	Ontonagon R. R.	13,181 15	13,163 95	17 20				17 20		17 20
Total, Upper Peninsula, Classes I—II...		\$306,167,367 34	\$269,645,181 78	\$36,522,185 56	\$14,553,797 93	\$893,357 17	\$71,715 69	\$21,896,671 94		\$21,896,671 94
Lower Peninsula—Classes I and II.										
13	Ann Arbor R. R.	\$3,585,907 74	\$3,195,423 37	\$390,484 37	\$157,200 00	\$157,200 00	\$1,026 31	\$232,258 06		\$232,258 06
14	Boyet City, Gaylord & Alpena R. R.	348,939 42	266,107 38	82,832 04	9,797 85			73,034 19		73,034 19
15	Chicago, Kalamazoo & Saginaw Ry.	313,731 37	175,934 95	137,796 42	14,887 63	14,732 97		122,908 79		122,908 79
16	Cincinnati Northern R. R.	2,842,979 67	2,342,937 87	470,041 80	129,870 85	22,200 00	94 47	340,076 48		340,076 48
17	Cleveland, Cinn., Chicago & St. L. Ry.	71,403,970 21	51,895,288 69	19,508,681 52	3,538,917 93	23,971 33	7,752 70	15,962,010 89		15,962,010 89
18	Detroit, Bay City & Western R. R.	302,441 77	346,375 29	43,935 52	18,038 74	18,038 74	5 70	61,977 99		61,977 99
19	Detroit & Mackinac Ry.	1,557,033 79	1,488,457 86	68,575 93	99,785 45		1,581 06	32,790 58		32,790 58
20	Detroit Terminal R. R.	593,188 74	530,189 90	62,998 84	59,385 74	49,159 13	27 17	3,585 93		3,585 93
21	Detroit, Toledo & Ironton R. R.	3,413,340 71	3,795,140 78	387,800 07	103,300 07	18,594 00	170 01	485,270 08		485,270 08
22	Detroit & Toledo Shore Line R. R.	1,999,025 61	1,097,305 95	901,719 66	129,037 52	97,664 30	9 63	772,672 51		772,672 51
23	Grand Rapids & Indiana Ry.	7,207,726 85	6,474,944 78	732,782 07	275,361 20	201,787 90	838 24	456,582 63		456,582 63

FIRST ANNUAL REPORT

TABLE NO. 6—INCOME ACCOUNT FOR THE YEAR—U. S. RAILROAD ADMINISTRATION—Continued.

Non-operating income.										
No.	Railroad.	Hire of freight cars, credit balance. (503)	Rent from locomotives. (504)	Rent from passenger train cars. (505)	Joint facility rent income. (506)	Other rents. (506, 507, 508, 510)	Separately operated properties. (512)	Dividend income. (513)	Income from funded securities.	Income from unfunded securities and annuities. (515)
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Ry.		\$104,578 65	\$46,079 45	\$328,459 45	\$68,302 14				\$48,314 58
2	Chicago & Northwestern Ry.	\$220,615 60	230,926 67	151,416 36	102,227 79	19,749 63				57,576 27
3	Copper Range R. R.	1,389 62								1,840 04
4	Duluth, South Shore & Atlantic Ry.		11,467 58	666 79	15,425 29	384 00				3,605 21
5	Escanaba & Lake Superior R. R.				19,000 28					323 08
6	Lake Superior & Ishpeming Ry.	14,503 40	9,776 38	1,186 32	54 00	39 00				3,323 57
7	Manistique & Lake Superior Ry.									437 34
8	Mineral Range R. R.	2,349 80	3,274 17		5,078 53	24 80				1,082 08
9	Minneapolis, St. P. & S. Ste. Marie Ry.	773,569 84	51,381 86	13,403 43	33,836 10	11,065 73				7,403 26
10	Munising, Marquette & S. E. Ry.				5,432 19	185 75				150 00
11	Ontonagon R. R.		10 00							
Total, Upper Peninsula, Classes I-II.		\$1,012,428 26	\$411,415 31	\$212,752 35	\$509,513 63	\$99,781 05				\$124,065 43
Lower Peninsula—Classes I and II.										
13	Ann Arbor R. R.		\$15,849 94	\$3,911 32	\$35,250 44	\$575 00				\$729 08
14	Boyer City, Gaylord & Alpena R. R.									305 13
15	Chicago, Kalamazoo & Saginaw Ry.				1,760 14					1,729 40
16	Cincinnati Northern R. R.	\$ 3,746 33	36,398 43	394 11	4,545 14	428 07				1,786 70
17	Cleveland, Cinn., Chicago & St. L. Ry.		211,395 98	110,301 02	496,965 85	26,561 53				62,373 56
18	Detroit, Bay City & Western R. R.					5,320 00				
19	Detroit & Mackinac Ry.	56,331 32	24 63	5,828 10	2,895 55	205 50				2,999 98
20	Detroit Terminal R. R.	17,993 00	17,909 90			975 00			\$3,983 33	7,364 57
21	Detroit, Toledo & Ironton R. R.		42,432 19	7 00	40,095 07	2,839 81				5,495 69
22	Detroit & Toledo Shore Line R. R.		16 51		736 00	5 00				7,556 84
23	Grand Rapids & Indiana Ry.		9,493 10	8,293 66	27,568 61	1,109 25				8,932 49

FIRST ANNUAL REPORT

TABLE NO. 6—INCOME ACCOUNT FOR THE YEAR—U. S. RAILROAD ADMINISTRATION—Continued.

Non-operating income.				Deductions from gross income.				
Contributions from other companies. (518)	Other non-operating income (511, 516, 517, 519)	Total non-operating income.	Gross income.	Hire of freight cars—debit balance. (536)	Rent for locomotives. (537)	Rent for passenger-train cars. (538)	Joint facility rents. (541)	
Upper Peninsula—Classes I and II.								
Chicago, Milwaukee & St. Paul Ry.	\$5,493,556 24	\$6,089,290 51	\$10,557,064 24	\$196,530 44	\$22,991 06	\$47,718 42	\$1,098,442 44	
Chicago & Northwestern Ry.	5,248,418 04	6,030,930 36	18,303,887 08		91,172 05	130,014 19	326,397 82	
Copper Range R. R.	12,670 66	15,900 32	107,894 96				7,014 82	
Duluth, South Shore & Atlantic Ry.	56 04	31,604 91	368,814 05	34,568 03	34,638 78	1,518 35	30,478 71	
Essex and Lake Superior R. R.	22,551 66	41,875 02	23,629 23	14,954 18			45 00	
Lake Superior & Ishpeming Ry.		28,882 67	509,120 32				8,368 47	
Manistique & Lake Superior Ry.	1,069 07	1,506 41	2,678 50	4,239 54	3,585 00		2,833 68	
Mineral Range R. R.		11,809 38	14,081 82		235 15	11 08	1,062,789 00	
Minneapolis, St. P. & S. Ste. Marie Ry.	1,015,088 52	1,905,778 24	6,024,870 80		9,147 15	6,208 07	550 20	
Munising, Marquette & S. E. Ry.		5,767 94	195,118 46	43,409 11	6,907 62	1,076 32	916 63	
Ontonagon R. R.		10 00	27 20					
Total, Upper Peninsula, Classes I-II.	\$11,793,410 23	\$14,163,356 26	\$36,060,028 20	\$293,701 30	\$168,646 81	\$186,546 43	\$2,537,826 77	
Lower Peninsula—Classes I and II.								
Ann Arbor R. R.	\$32,869 28	\$89,185 06	\$321,443 12	\$80,887 36	\$4,429 56	\$112 54	\$7,934 19	
Boyer City, Gaylord & Alpena R. R.	18 00	323 13	73,357 32	24,308 88				
Chicago, Kalamazoo & Saginaw Ry.	301 10	3,760 64	126,699 43	8,848 85				
Cincinnati Northern R. R.	23,028 06	70,320 84	410,397 32		1,525 50	8 86	127,808 16	
Cleveland, Cinn., Chicago & St. L. Ry.	1,616,343 07	2,523,941 01	18,485,951 90	892,076 01	254,902 69	125,964 71	825,979 71	
Detroit, Bay City & Western R. R.	489 84	4,891 16	57,086 80	10,659 32	2,687 07	59 00	22,981 63	
Detroit & Mackinac Ry.	6,941 35	75,226 43	42,435 85			279 74	925 55	
Detroit Terminal R. R.	29,817 78	77,703 88	81,379 51		246 50			
Detroit, Toledo & Ironton R. R.	151,685 75	242,555 51	68,548 47		188,414 50	175 57	65,316 53	
Detroit & Toledo Shore Line R. R.	209,204 93	217,519 28	990,191 79		114 61	1 00	46,913 63	
Grand Rapids & Indiana Ry.	112,877 33	168,374 44	624,957 07	166,716 36	42,164 84	7,484 44	41,060 57	

MICHIGAN PUBLIC UTILITIES COMMISSION

[illegible]

NOTE:—Deficit items appear in italic type.

FIRST ANNUAL REPORT

TABLE NO. 6—INCOME ACCOUNT FOR THE YEAR—U. S. RAILROAD ADMINISTRATION—Continued.

No.	Railroad.	Deductions from gross income.							
		Rents for leased roads. (542)	Other rents. (539, 540, 543)	Miscellaneous tax accruals. (544)	Separately operated properties loss (545)	Interest on funded debt. (546)	Interest on unfunded debt. (547)	Amortisation of discount on funded debt. (548)	Other deductions from income. (549, 550, 551)
Upper Peninsula*—Classes I and II.									
1	Chicago, Milwaukee & St. Paul Ry.		\$6,349 50				\$5,238 42		\$1,157,019 54
2	Chicago & Northwestern Ry.		8,871 58				74 18		576,529 29
3	Copper Range R. R.								
4	Duluth, South Shore & Atlantic Ry.		89				96		8 25
5	Escanaba & Lake Superior R. R.								7,110 46
6	Lake Superior & Ishpeming Ry.		90 00				2,338 67		
7	Manistique & Lake Superior Ry.						67 50		840 77
8	Mineral Range R. R.		180 00						83
9	Minneapolis, St. P. & S. Ste. Marie Ry.		512 42				5,257 81		
10	Munising, Marquette & S. E. Ry.		1,216 97				56,400 00		
11	Ontonagon R. R.						80 06		
Total, Upper Peninsula, Classes I-II.			\$17,221 36				\$13,057 60		\$1,739,827 60
Lower Peninsula—Classes I and II.									
13	Ann Arbor R. R.		\$19,347 11				\$850 45		\$140,328 77
14	Boyer City, Gaylord & Alpena R. R.		950 78				2,537 50	\$924 25	
15	Chicago, Kalamazoo & Saginaw Ry.								2,583 28
16	Cincinnati Northern R. R.		274 60				1 73		
17	Cleveland, Cinn., Chicago & St. L. Ry.		19,383 72						
18	Detroit, Bay City & Western R. R.		621 36				381 11		29,164 08
19	Detroit & Mackinac Ry.								23,824 06
20	Detroit Terminal R. R.		234 25						1,229 69
21	Detroit, Toledo & Ironton R. R.		199 50				32 39		56,165 14
22	Detroit & Toledo Shore Line R. R.		83 10				08		
23	Grand Rapids & Indiana Ry.		138 36						6,772 18

TABLE NO. 6—INCOME ACCOUNT FOR THE YEAR—U. S. RAILROAD ADMINISTRATION—Concluded.

No.	Railroad.	Total deductions from gross income.	Net income.†	Disposition of net income.						Income balance † transferred to profit and loss.	
				Income applied to sinking and other re-serve funds. (552)	Dividend appropriations of income. (553)	Income • appropriated for investment in physical property. (554)	Stock dis-count ex-tinguished through income. (555)	Miscellaneous appropriations of income. (556)	Total appropria-tions of income.		
Upper Peninsula—Classes I and II.											
1	Chicago, Milwaukee & St. Paul Ry.	\$2,534,259 82	\$8,022,804 42								\$8,022,804 42
2	Chicago & Northwestern Ry.	1,133,059 11	17,170,827 97								17,170,827 97
3	Copper Range R. R.	7,014 82	100,880 14								100,880 14
4	Duluth, South Shore & Atlantic Ry.	101,213 97	267,600 08								267,600 08
5	Escanaba & Lake Superior R. R.	22,109 64	45,638 87								45,638 87
6	Lake Superior & Ishpeming Ry.	59,635 47	449,484 85								449,484 85
7	Manistique & Lake Superior Ry.	7,051 27	4,372 77								4,372 77
8	Mineral Range R. R.	3,260 74	10,821 08								10,821 08
9	Minneapolis St. P. & S. Ste. Marie Ry.	1,083,914 45	4,940,956 35								4,940,956 35
10	Munising, Marquette & S. E. Ry.	109,560 22	85,538 24								85,538 24
11	Ontonagon R. R.	986 69	969 49								969 49
Total, Upper Peninsula, Classes I-II.				\$5,032,076 20							\$30,997,952 00
Lower Peninsula—Classes I and II.											
13	Ann Arbor R. R.	\$26,767 56	\$348,210 68								\$348,210 68
14	Boyer City, Gaylord & Alpena R. R.	64,658 91	8,698 41								8,698 41
15	Chicago, Kalamazoo & Saginaw Ry.	6,465 59	120,233 84								120,233 84
16	Cincinnati Northern R. R.	129,618 85	280,778 47								280,778 47
17	Cleveland, Cin., Chicago & St. L. Ry.	2,118,296 84	16,367,655 06								16,367,655 06
18	Detroit, Bay City & Western R. R.	8,205 41	65,292 21								65,292 21
19	Detroit & Mackinac Ry.	22,618 77	65,054 62								65,054 62
20	Detroit Terminal R. R.	1,710 44	79,669 07								79,669 07
21	Detroit, Toledo & Ironton R. R.	378,852 10	681,566 67								681,566 67
22	Detroit & Toledo Shore Line R. R.	313,255 29	676,936 50								676,936 50
23	Grand Rapids & Indiana Ry.	264,326 75	360,630 32								360,630 32

FIRST ANNUAL REPORT

TABLE NO. 6-A—INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1918.

(Corporate Reports.)

No.	Railroads.	Railway operating Revenues. (601)	Railway operating Expenses. (531)	Net revenue from railway operations.	Railway tax accruals. (532)	Advances on tax on railroad property in Michigan. (350)	Uncollectable railway revenues. (533)	Railway operating income.	Miscellaneous operating income.	Total operating income.
Classes I and II Upper Peninsula.										
1	Chicago Milwaukee & St. Paul Ry.		\$163,041 44	\$163,041 44	\$376,628 03			\$539,669 47		\$539,669 47
2	Chicago & Northwestern Ry.		149,577 04	149,577 04	925,000 00			1,074,577 04		1,074,577 04
3	Copper Range R. R.	\$177 54	240 11	62 57	376 61			439 18		439 18
4	Dunth South Shore & Atlantic Ry.		3,957 26	3,957 26				3,957 26		3,957 26
5	Escanaba & Lake Superior R. R.									
6	Lake Superior & Ishpeming Ry.	1,479,713 70	710,843 15	768,870 55	288,632 90	\$38,432 32		480,237 65		480,237 65
7	Manistique & Lake Superior Ry.		761 00	761 00	419 44			1,180 49		1,180 49
8	Mineral Range R. R.				406 28			406 28		406 28
9	Minn. St. Paul & Sault Ste. Marie Ry.		56,545 81	56,545 81	220,701 35			\$77,247 09	\$755 68	\$77,993 68
10	Munising, Marquette & Southeastern Ry.	861,648 41	626,904 81	234,743 60	45,363 21	31,990 86	\$40 17	189,350 52		189,350 52
11	Ontonagon R. R.	13,181 15	13,163 95	17 20				17 20		17 20
	Total Upper Peninsula, Classes I-II.	\$2,354,720 80	\$1,725,033 97	\$629,686 83	\$1,857,518 07	\$70,423 18	\$40 17	\$1,227,871 41	\$755 68	\$1,228,627 03
Classes I-II Lower Peninsula.										
13	Ann Arbor R. R.		\$3,205 45	\$3,205 45	\$9,797 85			\$3,205 45		\$3,205 45
14	Boyet City, Gaylord & Alpena R. R.		266,107 38	82,832 04				73,034 19		73,034 19
15	Chicago, Kalamazoo & Saginaw Ry.		891 83	891 83				891 83		891 83
16	Cincinnati Northern R. R.		2,751 57	\$761 57	17,303 14			20,064 71		20,064 71
17	Cleveland, Cnn., Chicago & St. Louis Ry.		41,359 97	41,359 97	74,825 62			116,185 59	\$1,975 13	114,210 46
18	Detroit, Bay City & Western Ry.									
19	Detroit & Mackinac Ry.		200 60	200 60	19,127 83			19,328 43	4,078 88	\$23,407 31
20	Detroit Terminal R. R.	50	423 87	423 87				423 87		423 87
21	Detroit, Toledo & Ironton R. R.									
22	Detroit & Toledo Shore Line R. R.									
23	Grand Rapids and Indiana Ry.				56,320 00			56,320 00		56,320 00

24	Grand Trunk Ry. System:	4,959 44	7,505 58	19,458 08	3,423 92	15,881 94
25	Chi., Det., & Canada G. T. Jct. R. R.	1,953 43	3,008 71	4,965 20	407 00	8,435 29
26	Det., Saginaw & Mackinac R. R.	13,758 74	35,786 48	54,539 22	2,593 28	60,541 62
27	Det., G. H. & Mil., Ry., (incl. G. R. Trunk)	33 94	170 02	205 96		203 96
28	Detroit & Huron Ry.					
29	Grand Trunk Western Ry.	43,108 88	111,076 45	159,179 33	1,897 78	318,593 41
30	Michigan Air Line Ry.	970 84	2,175 01	3,145 85	136 63	5,288 43
31	Pontiac, Oxford & Northern R. R.	962 88	2,074 50	3,037 38	18 23	5,065 61
32	Toledo, Saginaw & Muskegon Ry.	993 88	1,965 18	2,959 06	310 27	5,269 33
33	Manistee & North Eastern R. R.	547,771 93	491,326 23	56,445 70	23,763 57	32,682 13
34	Michigan Central R. R.		71,605 54	81,566 38		153,171 92
35	New York Central R. R.		286,690 89	266,690 89	2,017,501 92	2,304,193 81
36	Pere Marquette Ry.		72,324 39	167,242 83	239,567 22	3,307,155 00
37	Port Huron Southern R. R.			1,149 59	1,149 59	2,39,567 22
38	Wabash Ry.		90,338 23	99,538 25	61 92	1,149 59
39						99,400 15
40	Total Lower Peninsula, Classes I-II...	\$319,983 67	\$1,504,985 88	\$685,008 21	\$2,381 08	\$5,528,331 53
41						
42	Total Classes I and II.	\$3,174,704 47	\$3,230,019 85	\$55,315 38	\$2,421 25	\$4,566,988 36
43						
44	Class III Upper Peninsula.					
45	Blaney & Southern Ry.	\$14,667 41	\$15,058 28	\$390 87		\$590 87
46	Houghton, Chassel & South Western R. R.	13,308 96	13,852 55	645 59		645 59
47	Keweenaw Central R. R.					
48	Quincy & Torch Lake R. R.					
49	Sault Ste. Marie Bridge Co.					
50	Wisconsin & Michigan Ry. Co.	48,780 96	67,733 75	18,932 79	\$10,151 72	10,151 72
51	Wisconsin & Michigan R. R. Co.				5,084 87	25,987 66
52						
53	Total Upper Peninsula Class III...	\$91,641 16	\$118,131 61	\$26,490 45	\$16,864 83	\$43,355 28
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
100						

TABLE NO. 6-A—INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1918.—Concluded.

No.	Railroads.	Railway operating revenues. (301)	Railway operating Expenses. (351)	Net revenue from railway operations.	Railway tax accruals. (352)	Advulorem tax on railway property in Michigan. (350)	Uncollectable railway revenues. (353)	Railway operating income.	Miscellaneous operating income.	Total operating income.
	Class III Lower Peninsula.									
45	Aracadia & Betsey River Ry.....	\$12,552 74	\$17,027 11	\$4,474 87	\$548 34			\$5,023 21		\$5,023 21
46	Detroit Connecting R. R.....	413,383 04	451,932 06	\$37,549 02	33,065 43			77,614 55		77,614 55
47	Detroit Terminal R. R.....	123,008 00	53,437 93	\$69,570 07	2,400 50			77,970 57		77,970 57
48	East Jordan & Southern R. R.....	136,103 67	101,830 79	\$34,272 88	4,145 92			30,127 36		30,127 36
49	Empire & South Eastern R. R.....	5,614 31	14,369 73	\$8,755 42				8,755 42		8,755 42
50	Erie & Michigan Ry. & Navigation Co.....	29,532 90	44,131 07	\$14,598 17	2,322 31			16,920 48	\$5,747 16	11,173 32
51	Kalamazoo, Lake Shore & Chicago Ry.....	142,273 79	135,037 78	\$7,236 01	6,000 00			1,236 01		1,236 01
52	Ludington & Northern Ry.....	39,453 43	\$4,397 62	\$35,055 81	2,751 32		\$0 76	36,807 13		36,807 13
53	Michigan East & West Ry.....	85,282 94	78,240 99	\$7,041 95	2,751 32			4,300 63		4,300 63
54	St. Clair Tunnel Co.....	315,329 43	180,489 03	\$134,840 40	24,741 63			110,098 77		110,098 77
55	Traverse City, Leelanau & Manistique Ry.....	16,651 50	23,189 12	\$6,537 62	588 34			7,126 96		7,126 96
56	Wyandotte Southern R. R.....	127,786 00	163,331 96	\$35,545 96	950 70			36,496 66		36,496 66
57	Wyandotte Terminal R. R.....									
	Total, Lower Peninsula, Class III.....	\$1,348,132 65	\$1,299,016 19	\$49,116 46	\$79,688 66		\$0 76	\$30,570 96	\$5,747 16	\$36,318 12
	Total, Class III.....	\$1,439,773 81	\$1,417,147 80	\$22,626 01	\$96,551 49		\$0 76	\$73,936 24	\$5,747 16	\$79,683 40
	Grand Total.....	\$4,614,478 28	\$4,647,167 65	\$32,311 63	\$4,589,951 66	\$108,488 36	\$2,422 01	\$4,625,063 04	\$54 40	\$4,625,117 44

Deficit items appear in italic type.

TABLE NO. 6-A—INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1918—Continued.

No.	Railroads.	Hire of freight cars credit balance. (503)	Rent from locomotives (504)	Rent from passenger train cars. (505)	Joint facility rent income (508)	Other rents (506-7, 509-10)	Separately operated properties. (512)	Dividend income. (513)	Income from funded securities. (514)	Income from unfunded securities and accounts. (515)
	Grand Trunk Railway System:									
24	Chic., Det. & Canada G. T. Jct. R. R.					\$195,203 69				
25	Can. Saginaw & Mackinaw R. R.					146,712 86				
26	Detroit, G. H. & Milwaukee Ry.					1,107,211 46		\$131,520 00	\$96,380 00	\$7,159 47
27	Detroit & Huron Ry.									
28	Grand Trunk Western Ry.									
29	Michigan Air Line Ry.									
30	Pontiac, Oxford & Northern R. R.									
31	Toledo, Saginaw & Muskegon Ry.	\$20,165 39			\$5,188 00					
32	Manistee & North Eastern R. R.									
33	Michigan Central R. R.					8,055,134 47		487,540 00	48,579 78	358,257 06
34	New York Central R. R.					56,813,897 08	\$1,147,244 01	6,379,728 57	500,845 06	3,745,610 50
35	Pere Marquette Ry.					3,787,493 83		19,342 51	23,806 44	17,781 29
36	Port Huron Southern R. R.					11,025 78				
37	Wabash Ry.					5,944,888 17		78,824 00	14,206 67	17,351 36
	Total Lower Peninsula, Classes I-II	\$20,165 39			\$5,188 00	\$89,242,701 63	\$1,150,041 21	\$7,171,080 97	\$945,340 12	\$4,393,536 53
	Total, Classes I-II	\$34,668 79	\$9,786 38	\$1,186 32	\$10,674 19	\$152,501,756 75	\$1,150,041 21	\$8,851,135 95	\$1,368,217 86	\$5,072,955 69
	Class III Upper Peninsula.									
38	Blaney & Southern Ry.									
39	Houghton, Chassell & S. W. R. R.									
40	Keweenaw Central R. R.									
41	Quincy & Torch Lake R. R.					\$10,200 00				
42	Sault Ste. Marie Bridge Co.				\$92,333 83					
43	Wisconsin & Michigan R. R.	\$10,047 69			3,755 33					
	Wisconsin & Michigan Ry.	2,215 07								
	Total, Upper Peninsula, Classes III	\$12,262 76			\$96,089 16	\$10,200 00				

Class III Lower Peninsula.									
45	Arcadia & Betsey River Ry								1,078 93
46	Detroit Connecting R. R.								
47	Detroit Terminal R. R.								
48	East Jordan & Southern R. R.								
49	Empire & South Eastern R. R.								
50	Erie & Michigan Ry. & Navigation Co.	21,392 20							36 98
51	Kalamazoo, Lake Shore & Chicago Ry								
52	Ludington & Northern Ry								
53	Michigan East & West Ry								
54	St. Clair Tunnel Co.								
55	Traverse City, Leelanau & Man. Ry								
56	Wyandotte Southern R. R.								
57	Wyandotte Terminal R. R.								
	Total, Lower Peninsula, Class III.	\$156,610 24	\$446 50			\$310 87			\$1,115 91
	Total, Class III.	\$168,873 00	\$446 50		\$68,089 16	\$10,510 87			\$1,115 91
	Grand Total.	\$203,541 79	\$10,232 88	\$1,186 32	\$76,763 35	\$152,512,287 62	\$1,150,041 21	\$9,851,136 95	\$5,074,071 60

TABLE NO. 6-A—INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1918—Continued.

(Corporate Reports.)

No.	Railroads.	Contributions from other companies. (518)	Other non-operating income. (511, 516-17 & 519)	Total non-operating income.	Gross income.	Hire of freight cars, debit balance. (536)	Rent for locomotives. (537)	Rent for passenger train cars. (538)	Joint facility income. (541)
Classes I-II Upper Peninsula.									
1	Chicago, Milwaukee & St. Paul Ry.		\$1,620,328.29	\$20,041,486.91	\$29,501,817.44				
2	Chicago & Northwestern Ry.		694,954.85	26,040,206.23	24,965,629.10				
3	Conner Range R. R.		69,877.40	218,213.54	217,774.36	\$2.25			
4	Duluth, South Shore & Atlantic Ry.		15,544.08	606,729.00	602,771.74				
5	Essanilla & Lake Superior R. R.		7,712.20	66,400.21	66,400.21				
6	Lake Superior & Ishpeming Ry.			28,832.67	509,120.32				\$8,358.47
7	Manistique & Lake Superior Ry.		840.77	21,452.33	20,271.84				
8	Mineral Range R. R.		492.24	147,927.63	147,521.95				
9	Minn. St. Paul & Sault Ste. Marie Ry.		190,337.79	10,896,880.47	10,718,897.70				
10	Munising, Marquette & Southeastern Ry.			5,787.84	195,118.46		\$6,907.62	\$1,076.32	550.20
11	Ontonagon R. R.			10.00	27.20				916.63
	Total, Upper Peninsula, Classes I & II.		\$2,102,187.54	\$68,173,956.83	\$66,945,349.80	\$43,411.36	\$6,907.62	\$1,076.32	\$9,825.30
Classes I-II Lower Peninsula.									
13	Ann Arbor R. R.		\$53,015.46	\$501,890.57	\$493,684.12				
14	Boysie City, Gaylord & Alpena R. R.		18.00	323.13	73,357.32				
15	Chic. Kalamazoo & Saginaw Ry.		67.79	60,848.73	59,954.90	\$24,308.88			
16	Cincinnati Northern R. R.		309.50	326,783.96	306,732.25				
17	Cleveland, Cinn. Chi. & St. Louis Ry.		86,420.95	10,770,302.51	10,656,092.05				
18	Detroit, Bay City & Western Ry.			311,681.83	288,274.52				
19	Detroit & Mackinac Ry.		1,687.56	187,690.09	187,266.79				
20	Detroit Terminal R. R.		1,229.69	295,781.85	295,781.85				
21	Detroit & Toledo & Ironton R. R.		56,165.14	472,779.27	416,459.27				
22	Detroit & Toledo Shore Line R. R.								
23	Grand Rapids & Indiana Ry.		20,234.79	968,317.30	968,317.30				

MICHIGAN PUBLIC UTILITIES COMMISSION

91

Grand Trunk Railway System:									
24	Chi., Det. & Canada G. T. Jet. R. R.	521 85	195,725 54	179,843 60					
25	Cum. Saginaw & Mackinaw R. R.	118 34	58,253 82	52,821 63					
26	Det., G. H. & Milwaukee Ry.	1,408 12	639,827 95	579,486 33					
27	Detroit & Huron Ry.	187 14	529 14	625 18					8,422 49
28	Grand Trunk Western Ry.	380,155 59	-2,169,428 70	1,850,355 29					
29	Michigan Air Line Ry.	97 22	87,829 67	84,547 19					
30	Pontiac, Oxford & Northern R. R.	2,057 36	33,888 29	30,832 68					
31	Toledo, Saginaw & Muskegon Ry.	6,777 08	96,165 61	92,896 28					35 00
32	Manitowish & North Eastern R. R.		25,353 39	58,035 52					
33	Michigan Central R. R.	4,595 04	8,955,107 35	8,801,935 43					
34	New York Central R. R.	686,357 63	69,273,882 85	66,966,727 85					
35	Pere Marquette Ry.	3,638 09	3,652,062 10	3,612,494 94					
36	Fort Huron Southern R. R.		11,025 78	9,876 19					
37	Wabash Ry.	75,240 47	6,130,510 67	6,031,110 52					
Total, Lower Peninsula, Classes I-II.		\$1,291,198 37	\$105,426,320 26	\$102,097,988 93	\$24,308 88				\$9,457 49
Total, Classes I-II.		\$3,393,385 91	\$173,600,277 09	\$169,043,338 73	\$6,907 62	\$1,076 32			\$18,282 79
Class III Upper Peninsula.									
38	Blaney & Southern Ry.			\$590 87					
39	Houghton, Chassell & S. W. R. R.			645 69					
40	Keweenaw Central R. R.								
41	Quincy & Torch Lake R. R.		\$10,200 00	10,200 00					
42	Sault Ste. Marie Bridge Co.		62,553 83	52,182 11		\$1,662 11			
43	Wisconsin & Michigan R. R.		13,803 62	10,184 64					
44	Wisconsin & Michigan Ry.		2,215 07	6,066 87					
Total, Upper Peninsula, Class III.			\$38,551 92	\$45,196 64		\$1,662 11			

FIRST ANNUAL REPORT

TABLE NO. 8-A—INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1918—Continued.

No.	Railroads.	Contributions from other companies. (518)	Other non-operating income. (511,516-17 & 519)	Total non-operating income.	Gross income.	Hire of freight cars debit balance. (536)	Rent for locomotives. (537)	Rent for passenger train cars. (538)	Joint facility rents. (541)
	Class III, Lower Peninsula.								
45	Arcadia & Betsey River Ry.				\$5,022 71	\$168 00			
46	Delray Connecting R. R.				66,662 13		\$96 00		\$3,118 92
47	Delray Terminal R. R.		\$1,629 71	\$138,326 68	\$7,829 93				
48	East Jordan & Southern R. R.				30,127 36	12,331 66			
49	Empire & South Eastern R. R.				8,755 42				
50	Erie & Michigan Ry. & Nav. Co.			21,423 18	10,255 86		7 31		75 30
51	Kalamazoo, Lake Shore & Chicago Ry.		3,109 24	3,109 24	1,495 25	15,159 91	5,208 00		529 97
52	Ludington & Northern Ry.			479 04	117 06	3,802 80	499 92		
53	Michigan East & West Ry.			310 87	4,611 50	5,445 10			55 00
54	St. Clair Tunnel Co.				110,098 77				
55	Traverse City, Leelanau & Man. Ry.				7,105 96				
56	Wyandotte Southern R. R.			46 50	\$6,500 18				
57	Wyandotte Terminal R. R.								
	Total, Lower Peninsula, Class III.		\$4,738 95	\$162,743 43	\$137,919 63	\$36,907 47	\$5,811 23		\$3,779 19
	Total, Class III.		\$4,738 95	\$251,774 39	\$183,116 27	\$36,907 47	\$7,473 34		\$3,779 19
	Grand Total.	\$1,206,468 04	\$3,398,924 86	\$173,852,051 48	\$169,226,455 00	\$104,627 71	\$14,380 96	\$1,076 32	\$22,061 98

Deficit items appear in italic type.

TABLE NO. 6-A—INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1918—Continued.

(Corporate Accounts.)

No.	Railroads.	Rents for leased roads. (542)	Other rents (539-40, 543)	Miscellaneous tax accruals. (544)	Separately operated properties—loss (545)	Interest on funded debt. (546)	Interest on unfunded debt. (547)	Amortization of discount on funded debt. (548)	Other deductions from income. (549-50-51)
Classes I & II, Upper Peninsula.									
1	Chi., Milwaukee & St. Paul Ry.		\$25,206 63	\$144,332 52	\$124,845 46	\$16,696,502 82	\$474,888 36		\$5,578,680 25
2	Chicago & North Western Ry.	\$128,979 81	196,396 67	194,980 02	23,942 74	8,816,106 39	525,638 05		5,268,763 38
3	Copper Range R. R.	2,700 00	3,247 00	53 30		114,000 00	7,011 61		6,793 26
4	Duluth, South Shore & Atlantic Ry.		93 01	707 49	16,464 05	882,750 00	22,830 53		119,847 41
5	Escanaba & Lake Superior R. R.								32,216 47
6	Lake Superior & Ishpeming Ry.		90 00			48,848 33	2,338 67		
7	Manistique & Lake Superior Ry.					5,858 83			1,069 07
8	Mineral Range R. R.		25 00			91,894 77	5 03		17,791 72
9	Minn., St. Paul & Saulte Ste. Marie Ry.	3,424,337 80	2,788 86	1 80		3,558,170 26	16,194 44	\$37,479 18	466,794 31
10	Munsing. Marquette & S. E. Ry.		1,216 97			56,400 00	80 06		
11	Ontonagon R. R.								
	Total, Upper Peninsula, Classes I & II.	\$3,556,017 61	\$229,064 14	\$340,073 13	\$165,252 25	\$30,270,531 40	\$1,049,028 00	\$37,479 18	\$11,491,955 87
Classes I-II, Lower Peninsula.									
13	Ann Arbor R. R.		\$145 00		\$1,227 43	\$333,931 77	\$34,020 57		\$140,328 77
14	Bayne City, Gaylord & Alpena R. R.		950 78			35,937 50	2,537 50	\$324 25	
15	Chi., Kalamazoo & Saginaw Ry.		1 00	\$96 00		50,720 00			2,906 08
16	Cincinnati Northern R. R.		160 00			56,483 00	9,707 96	2,981 68	23,512 41
17	Cleveland, Cin., Chi. & St. Louis Ry.	\$561,280 09	141,315 15	469 86	64,290 97	4,580,303 37	505,581 75	9,028 69	1,673,461 05
18	Detroit, Bay City & Western Ry.								
19	Detroit & Mackinac Ry.		300 00			92,000 00			23,824 06
20	Detroit Terminal R. R.		152 00						58,844 75
21	Detroit, Toledo & Ironton R. R.			4,054 10		133,175 79	12,208 61		152,433 50
22	Detroit & Toledo Shore Line R. R.		420 62			120,000 00	18,602 75	3,360 42	6,661 79
23	Grand Rapids & Indiana Ry.	155,101 34	12 00	8,181 89		483,605 00	2,058 20		113,239 18

FIRST ANNUAL REPORT

TABLE NO. 6-A—INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1918—Continued.

No.	Railroads.	Rents for leased roads. (542)	Other rents. (539-40, 543)	Miscellaneous tax accruals. (544)	Separately operated properties—loss (545)	Interest on funded debt. (546)	Interest on unfunded debt. (547)	Amortization of discount on funded debt. (548)	Other deductions from income. (549-50-51)
Classes I and II—Lower Peninsula.—Con.									
Grand Trunk Railway System:									
24	Chi., Det. & Canada G. T. Jct. R. R.	\$144,057 06							\$35,780 88
25	Cnn., Saginaw & Mackinaw R. R.	43,225 00	\$1 00				\$5 66		9,063 11
26	Detroit, G. H. & Milwaukee Ry.	26,514 51	11,680 50	\$201 90		\$389,782 04			170,591 69
27	Detroit & Huron Ry.								625 18
28	Grand Trunk Western Ry.	13,101 36	130 00	2,968 30	\$32,472 93	1,351,950 10	2,879 34	\$31,088 64	407,153 07
29	Michigan Air Line Ry.	75,020 00	5 00						9,522 19
30	Pontiac, Oxford & Northern R. R.								6,871 28
31	Toledo, Saginaw & Muskegon Ry.								9,796 28
32	Manistee & North Eastern R. R.	500 00	100 67			58,600 00			1,046 50
33	Michigan Central R. R.	2,774,022 11	3,208 88	5,379 92	58,883 36	2,077,363 38	1,282,387 40	22,482 24	2,030,350 43
34	New York Central R. R.	9,314,910 15	689,074 60	300,045 83	62,628 25	29,432,623 35	2,004,364 10	556,975 56	6,688,964 46
35	Pere Marquette Ry.		23,117 49			1,687,760 00	4,209 63		3,283 15
36	Port Huron Southern R. R.								
37	Wabash Ry.	212,847 95	28,518 47	42,735 50		3,092,874 03	15,638 10	181 05	3,030 65
Total, Lower Peninsula, Classes I-II									
		\$13,320,579 57	\$899,293 16	\$364,133 30	\$219,502 94	\$43,957,109 33	\$4,007,745 09	\$627,020 53	\$11,571,330 46
Total, Classes I and II									
		\$16,876,597 18	\$1,128,357 30	\$704,208 43	\$384,765 17	\$74,227,640 73	\$5,056,773 09	\$664,499 71	\$23,063,286 33
Class III, Upper Peninsula.									
38	Blaney & Southern Ry.								
39	Houghton, Chassell & S. W. R. R.								
40	Keweenaw Central R. R.								
41	Quincy & Torch Lake R. R.								
42	Sault Ste. Marie Bridge Co.		\$20 00	\$2,741 72		\$26,251 39			\$24,234 34
44	Wisconsin & Michigan R. R.		900 00						
Total, Upper Peninsula, Class III.									
			\$920 00	\$2,741 72		\$26,251 39			\$24,234 34

Class III, Lower Peninsula.									
45	Arcadia & Betsey River Ry								
46	Delray Connecting R. R.	425 05							
47	Delray Terminal R. R.							1,414 83	
48	East Jordan & Southern R. R.								
49	Empire & South Eastern R. R.								
50	Erie & Mich. Ry. & Navigation Co.	3 138 69						1,933 28	
51	Kalamazoo, Lake Shore & Chi. Ry.	20,787 98						1,216 16	
52	Ludington & Northern Ry.	100 00	19 48					2,323 17	\$1,906 65
53	Michigan East & West Ry.							324 60	
54	St. Clair Tunnel Co.								
55	Traverse City, Leelanau & Manistiquie Ry.								
56	Wyandotte Southern R. R.	400 00							
57	Wyandotte Terminal R. R.								
	Total, Lower Peninsula, Class III	\$24,831 72	\$19 48					\$7,212 04	\$1,906 65
	Total, Class III	\$24,831 72	\$2,761 20					\$7,212 04	\$1,906 65
	Grand Total	\$16,901,428 90	\$1,129,277 30	\$706,969 63	\$384,755 19	\$74,399,052 12	\$5,063,985 13	\$23,087,520 67	\$23,087,520 67

FIRST ANNUAL REPORT

TABLE NO. 6-A—INCOME ACCOUNT FOR THE YEAR ENDED DECEMBER 31, 1918—Concluded.

(Corporate Reports.)

No.	Railroads.	Total deductions from gross income.	Net income.	Income app'd to sinking and other reser. funds. (552)	Dividend appropriations of income. (553)	Income applied for investment in physical property. (554)	Stock discount extinguished through income. (555)	Miscellaneous appropriations of income. (556)	Total appropriations of income.	Income balance transferred to profit and loss.
Classes I and II Upper Peninsula.										
1	Chicago, Milwaukee & St. Paul Ry.	\$23,044,456 04	\$6,457,361 40	\$129,470 00	\$11,952,275 00				\$129,470 30	\$6,327,891 10
2	Chicago, Milwaukee & St. Paul Ry.	15,154,807 06	9,810,822 13	111,479 88					12,063,754 88	2,459,832 75
3	Copper Range R. R.	133,807 42	83,666 94							83,968 94
4	Duluth, St. Louis & Atlantic Ry.	1,019,903 21	477,131 47							477,131 47
5	Essexville & Lake Superior R. R.	55,047 00	11,353 21							11,353 21
6	Lake Superior & Ishpeming Ry.	59,635 47	449,484 85							449,484 85
7	Marquette & Lake Superior Ry.	6,927 90	13,343 94							13,343 94
8	Mineral Range R. R.	109,716 52	37,804 73							37,804 73
9	Minn. St. Paul & South Ste. Marie Ry.	7,505,768 65	3,213,131 14							3,213,131 14
10	Mining, Marquette & S. E. Ry.	109,560 22	85,538 24							85,538 24
11	Ontonagon R. R.	996 69	363 49							363 49
	Total, Upper Peninsula, Classes I and II.	\$47,200,624 18	\$19,744,725 62	\$240,950 18	\$11,952,275 00				\$12,193,225 18	\$7,551,500 44
Classes I and II Lower Peninsula.										
13	Ann Arbor R. R.	\$509,653 54	\$15,969 48							\$15,969 48
14	Bay City, Gaylord & Alpena R. R.	64,658 91	8,698 41							8,698 41
15	Chicago, Kalamazoo & Saginaw Ry.	53,627 08	6,327 82							6,327 82
16	Cincinnati Northern R. R.	92,941 05	213,791 20							213,791 20
17	Cleveland, Cin., Chi. & St. Louis Ry.	7,535,728 93	3,120,363 12	\$31,894 10	\$409,925 00	\$95,530 40			\$627,349 50	2,493,013 62
18	Detroit, Bay City & Western Ry.	116,124 06	172,150 46							172,150 46
19	Detroit & Mackinac Ry.	71,205 36	115,061 36							115,061 36
20	Detroit, Toledo & Jackson R. R.	311,626 56	15,844 71							15,844 71
21	Detroit, Toledo & Jackson R. R.	127,337 41	289,121 86							289,121 86
22	Grand Rapids & Indiana Ry.	762,197 61	206,119 69							206,119 69
23	Grand Rapids & Indiana Ry.									
Grand Trunk Ry. System:										
24	Chic. Det. & Cando G. T. Jet. R. R.	170,843 60	512 52							512 52
25	Cin. Saginaw & Mackinaw R. R.	52,309 11	715 69							715 69
26	Dan. Grand Haven & Milwaukee Ry.	578,770 64								
27	Detroit & Huron Ry.	625 18								
28	Grand Trunk Western Ry.	1,850,166 23	669 06							669 06

TABLE NO. 7—RAILWAY OPERATING REVENUES—MICHIGAN.

No.	Railroad.	Freight. (101)	Passenger. (102)	Excess baggage. (103)	Sleeping parlor and chair car. (104-5)	Mail. (106)	Express. (107)	Other passenger train. (108)	Milk. (109)	Switching. (110)
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Ry.	\$2,059,819 06	\$152,102 17	\$697 63	\$7,853 41	\$18,180 33	\$32,073 24	\$31 67	\$499 62	\$7,896 22
2	Chicago & Northwestern Ry.	5,126,538 77	490,702 22	3,058 61	51,481 21	80,349 10	4,562 78	4,562 78	10,380 82	43,031 23
3	Copper Range R. R.	5,803,703 55	141,680 60	5,570 91	6,072 08	11,802 67	8,103 08	8,103 08	94 50	13,687 55
4	Duluth, South Shore & Atlantic Ry.	3,123,476 48	863,686 72	6,425 97	27,954 24	35,206 12	43,974 61	351 38	33,451 14	33,451 14
5	Escanaba & Lake Superior R. R.	289,494 03	21,202 82			2,540 96	685 26			473 00
6	Lake Superior & Ishpeming Ry.	1,982,773 96	2,938 01	11 34			353 04		47	45,198 19
7	Manistique & Lake Superior Ry.	1,144,566 91	11,989 91	29 97		1,612 53				34,974 80
8	Mineral Range R. R.	1,034,325 53	26,339 06	471 83		2,850 00	3,382 14	181 67		13,854 06
9	Munising, St. P. & S. Ste. Marie Ry.	1,644,054 13	212,362 07	997 69	9,487 49	17,085 91	35,506 56	3 03		18,680 91
10	Munising, Marquette & S. E. Ry.	798,452 29	62,488 25	290 56		4,718 07	8,512 43	562 29		16,109 07
11	Ontonagon R. R.	12,894 62	286 63							
	Total, Upper Peninsula, Classes I and II.	\$16,389,259 23	\$1,985,778 49	\$12,554 51	\$45,295 14	\$135,751 21	\$216,639 05	\$13,280 58	\$11,540 82	\$227,356 17
Lower Peninsula—Classes I and II.										
13	Ann Arbor R. R.	\$2,729,515 84	\$556,796 20	\$3,982 47	\$1,629 34	\$40,315 20	\$66,905 00	\$44 39	\$22,981 82	\$43,347 26
14	Boysie City, Gaylord & Alpena R. R.	312,348 44	19,833 89	204 57		2,598 75	3,120 04		21 53	3,669 51
15	Chicago, Kalamazoo & Saginaw Ry.	61,230 50	36,017 95	101 10		1,086 93	2,529 50		1,232 27	190,904 14
16	Cincinnati, Northern R. R.	283,844 15	47,945 70	132 66		3,715 69	4,331 89	34 40	77 15	213 50
17	Cleveland, Cin. Chicago & St. L. Ry.	85,546 28	6,311 28	83 10		2,774 84	35,857 66	9 48	364 89	3,732 00
18	Detroit, Bay City & Western R. R.	197,222 87	68,623 49	323 09		5,381 65	5,575 42	13,659 50	255 12	723 10
19	Detroit & Mackinac Ry.	1,128,352 23	325,346 77	2,405 61	13 25	32,261 75	48,133 33		732 08	5,318 76
20	Detroit Terminal R. R.									460,781 75
21	Detroit, Toledo & Fronton R. R.	113,612 84	5,372 44	36 30		721 07	767 34	207 35	1,085 04	2,188 18
22	Detroit & Toledo Shore Line R. R.	1,829,193 97								5,541 47
23	Grand Rapids & Indiana Ry.	3,198,947 94	1,307,083 97	12,815 65		68,422 61	155,665 86	6,965 83	16,729 73	61,450 32
Grand Trunk Railway System:										
24	Chi. Det. & Canada G. T. Jct. R. R.	1,571,893 65	150,282 82	1,293 23	421 74	10,385 93	22,710 59	25 76	4,923 71	175,343 15
25	Cincinnati, Saginaw & Mackinaw R. R.	180,711 58	46,784 93	1,521 73		7,005 22	8,619 68	58 17	991 80	7,326 01
26	Detroit, Grand Haven & Milwaukee Ry.	2,382,862 10	446,655 94	3,855 65		23,435 27	100,335 77	198 74	5,232 98	206,469 73
27	Detroit & Huron Ry.	5,220 36	2,981 12	29 78		808 63	1,717 63	22		42,428 20
28	Grand Trunk Western Ry.	6,594,387 72	1,465,778 94	9,468 93		96,413 98	223,188 62	331 06	114 90	

MICHIGAN PUBLIC UTILITIES COMMISSION

99

29	Michigan Air Line Ry.	248,456 01	42,419 04	316 47		6,327 63	8,979 53	10 26	1,728 44	1,954 67
30	Pontiac, Oxford & Northern R. R.	186,680 70	94,918 43	638 20		10,051 62	12,915 58	43 74		28,031 08
31	Toledo, Saginaw & Muskegon Ry.	161,005 05	31,591 35	286 81		5,340 97	12,952 15	132 46	1,669 83	5,218 68
32	Manistee & Northwestern R. R.	424,329 08	48,603 35	483 29		6,752 80	5,777 72		100,268 36	5,632 62
33	Michigan Central R. R.	26,249 137 54	9,644,829 20	59,339 56		295,786 02	2,888,052 56	45,300 95		537,720 68
34	New York Central R. R.	3,235,009 49	1,187,867 13	5,936 80		90,082 65	106,253 87	266 50	8,445 11	88,794 00
35	Pere Marquette Ry.	17,704,777 82	3,376,452 76	25,600 12	33,178 87	224,569 06	682,123 16	10,193 18	172,887 49	302,040 17
36	Port Huron Southern R. R.									42,469 72
37	Wabash Ry.	2,593,146 99	599,377 24	3,364 53	396 76	17,904 77	97,545 48	88 78	28,269 51	76,138 34
	Total, Lower Peninsula, Classes I and II.	\$71,477,431 85	\$19,511,893 94	\$131,269 65	\$35,639 96	\$952,028 44	\$4,494,058 28	\$77,470 77	\$368,287 05	\$2,298,067 42
Upper Peninsula—Class III.										
38	Blaney & Southern Ry.	\$13,961 69	\$495 96				\$209 76			
39	Houghton, Chassell & Southwestern R. R.	13,235 31	73 65							
40	Quincy & Torch Lake R. R.									
41	Sault Ste. Marie Bridge Co.									
42	Wisconsin & Michigan Ry.	18,542 56	2,612 95			\$669 39	99 63		\$200 05	
43	Wisconsin & Michigan R. R.	6,026 60	745 37	\$4 99		223 12	23 19		36 50	
44										
Lower Peninsula—Class III.										
45	Arcadia & Betsey River Ry.	9,335 69	1,045 51	11 13		880 59	641 19			\$38 00
46	Delray Connecting R. R.	136,751 94								276,687 00
47	Delray Terminal R. R.									28,008 00
48	East Jordan & Southern R. R.	129,771 07	4,713 80	81 90		1,070 22	466 68			
49	Empire & Southeastern R. R.	4,143 09	403 05			434 75	554 48			64 75
50	Erie & Michigan Ry. & Nav. Co.	24,281 89	419 83			187 46	41 29			4,506 47
51	Kalamazoo, Lake Shore & Chicago Ry.	75,718 59	54,995 17	300 15		1,934 26	4,608 00		1,040 36	1,923 19
52	Ludington & Northern Ry.		4,668 80					\$339 73		30,424 90
53	Michigan East & West Ry.	73,584 57	4,795 65	50 24		3,064 44	469 92		244 56	2,203 30
54	St. Clair Tunnel Co.									149,033 25
55	Wyandotte Southern R. R.									15,942 00
56	Wyandotte Southern R. R.									127,766 00
57	Wyandotte Terminal R. R.									
	Total, Class III.	\$505,353 00	\$74,969 74	\$448 41		\$3,464 23	\$7,114 14	\$339 73	\$1,521 47	\$636,584 86
	Grand total, all classes.	\$38,372,074 08	\$21,572,643 17	\$144,272 57	\$80,835 10	\$1,096,243 88	\$4,717,811 47	\$91,091 08	\$381,349 34	\$3,182,003 45

FIRST ANNUAL REPORT

TABLE NO. 7—RAILWAY OPERATING REVENUES—MICHIGAN—Concluded.

No.	Railroads.	Special service train. (111)	Other freight train. (112)	Water trans' or freight. (113)	Water trans' or passenger. (114)	Total rail-line transportation revenue. (c)	Total incidental operating revenue. (d)	Total joint-facility operating revenue. (e)	Total railway operating revenue within the State of Michigan. (f)	Total operating revenue, entire line. (b)
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Ry.	\$1,235 00				\$2,280,428 35	\$122,151 40	\$600 00	\$2,403,179 75	\$132,894,454 65
2	Chicago & Northwestern Ry.	869 25	\$43 70			5,611,017 69	399,366 58		6,210,384 27	127,255,078 35
3	Copper Range R. R.					1,174,320 44	69,386 40		1,144,215 84	1,444,215 84
4	Duluth, South Shore & Atlantic Ry.	3,419 01	129 00			4,135,369 25	113,616 30	2,875 56	4,251,861 12	4,824,186 80
5	Essanlin & Lake Superior R. R.					314,382 07	6,021 33		320,413 40	320,413 40
6	Lake Superior & Ishpeming Ry.					1,331,275 01	148,438 69		1,479,713 70	1,479,713 70
7	Manistique & Lake Superior Ry.					1,133,174 12	10,873 11		1,144,047 23	1,144,047 23
8	Mineral Range, P. R.	1,085 33				1,133,489 63	10,044 55		1,143,534 20	1,143,534 20
9	Minneapolis, St. P. & S. Ste. Marie Ry.	260 61				1,038,438 40	49,410 70	1,640 25	1,089,489 35	35,985,232 81
10	Munising, Marquette & Southeastern Ry.	407 72	525 00			820,063 68	41,584 73		861,648 41	861,648 41
11	Ontonagon R. R.					13,181 13			13,181 15	13,181 15
Total, Upper Peninsula, Classes I and II.										
		\$7,266 92	\$697 70			\$19,045,449 82	\$962,103 59	\$5,115 81	\$20,012,669 22	\$308,167,367 34
Lower Peninsula—Classes I and II.										
13	Ann Arbor R. R.	\$1,920 42		\$2,911 57	\$6,408 95	\$3,480,102 18	\$99,836 92		\$3,510,020 10	\$3,585,907 74
14	Bayne City, Gaylord & Alpena R. R.					341,814 73	7,134 89		348,949 62	348,949 62
15	Chicago, Marquette & Saginaw Ry.	14 00				293,516 30	20,614 98		314,131 28	314,131 28
16	Cheimad Northern R. R.					240,275 34	3,359 82		243,635 16	2,812,979 87
17	Cleveland, Cin., Chicago & St. L. Ry.					134,069 53	3,312 21	\$92 88	138,482 62	71,403,970 21
18	Detroit, Bay City & Western R. R.	50 00				291,813 64	10,638 13		302,451 77	302,451 77
19	Detroit & Mackinac Ry.	149 80				1,542,713 58	14,320 21		1,557,033 79	1,557,033 79
20	Detroit, Terminal R. R.					460,701 75	132,420 09		593,121 84	593,121 84
21	Detroit, Toledo & Ironton R. R.	26 77	\$74 13			192,091 48	2,202 14		194,293 62	3,813,365 71
22	Detroit & Toledo Shore Line R. R.					1,824,734 74	26,262 35		1,850,997 09	7,999,925 61
23	Grand Rapids & Indiana Ry.	2,114 26				4,880,185 57	124,314 14	14,090 82	4,940,410 89	7,207,126 85
Grand Trunk Railway System:										
24	Chi., Det. & Canada G. T. Ry. R. R.	2,067 04				1,939,327 62	60,757 09		2,000,084 71	2,000,084 71
25	Detroit, Saginaw & Mackinaw R. R.					262,010 12	5,894 70		267,904 82	267,904 82
26	Detroit, Grand Haven & Milwaukee Ry.	1,366 83				3,170,443 01	163,809 03		3,334,252 04	3,334,252 04
27	Detroit & Huron Ry.					10,756 12	396 63		11,152 75	11,152 75
28	Grand Trunk Western Ry.	1,318 99				8,433,431 24	105,923 94		8,539,355 18	12,648,862 17

MICHIGAN PUBLIC UTILITIES COMMISSION

101

29	Michigan Air Line Ry.	372 62				310,564 67	8,185 20			318,749 87	318,749 87
30	Pontiac, Oxford & Northern R. R.	22 56				333,901 91	6,976 35			340,878 26	340,878 26
31	Toledo, Saginaw & Muskegon Ry.	900 00				219,097 30	8,598 41			227,695 71	227,695 71
32	Manistee & Northwestern R. R.	311 26				492,175 41	55,596 52			547,771 93	547,771 93
33	Michigan Central R. R.	7,226 01				39,827,560 88	1,267,659 52	4,537 71		41,099,758 11	68,520,087 06
34	New York Central R. R.	1,446 32				4,724,101 87	155,975 58	28		4,880,077 73	294,823,035 59
35	Pere Marquette Ry.	13,007 11				522,599,605 39	460,966 60	31,049 82		23,091,621 81	28,955,011 73
36	Port Huron Southern R. R.					42,469 72	5,564 50			48,034 22	48,034 22
37	Wabash Ry.	38 56				3,416,270 96	75,624 62	18,772 56		3,510,668 14	48,246,411 49
	Total, Lower Peninsula, Classes I and II.	\$32,352 55	\$40,619 02	\$11,852 28	\$6,408 95	\$99,446,143 93	\$2,759,977 27	\$40,362 43		\$102,246,483 63	\$553,818,219 23
Upper Peninsula—Class III.											
38	Blaney & Southern Ry.					\$14,667 41				\$14,667 41	\$14,667 41
39	Houghton, Chassell & Southwestern R. R.					13,308 96				13,308 96	13,308 96
40	Quincy & Torch Lake R. R.										
41	Sault Ste. Marie Bridge Co.										
42	Wisconsin & Michigan Ry.										
43	Wisconsin & Michigan R. R.										
44						22,124 58	\$79 10	\$7,435 76		29,639 44	48,780 96
						7,059 77	325 00	308 88		7,693 65	14,883 83
Lower Peninsula—Class III.											
45	Arcadia & Betsey River Ry.					11,950 11	602 63			12,552 74	12,552 74
46	Delray Connecting R. R.					413,438 94	145 00			413,583 94	413,583 94
47	Delray Terminal R. R.					28,008 00				28,008 00	28,008 00
48	East Jordan & Southern R. R.					136,103 67				136,103 67	136,103 67
49	Empire & Southeastern R. R.					5,600 12	14 22			5,614 34	5,614 34
50	Erie & Michigan Ry. & Nav. Co.					29,436 94	95 96			29,532 90	29,532 90
51	Kalamazoo, Lake Shore & Chicago Ry.					140,519 72	1,754 07			142,273 79	142,273 79
52	Ludington & Northern Ry.					35,433 43				35,433 43	35,433 43
53	Michigan East & West Ry.					84,412 68	880 26			85,292 94	85,292 94
54	St. Clair Tunnel Co.					149,033 25	16,467 68			165,500 93	315,329 43
55	Wyandotte Southern R. R.					15,942 00	709 50			16,651 50	16,651 50
56	Wyandotte Southern R. R.									127,756 00	127,756 00
57	Wyandotte Terminal R. R.					127,756 00					
	Total, Class III.					\$1,234,795 58	\$21,073 42	\$7,744 64		\$1,263,613 64	\$1,439,773 81
	Grand total, all classes	\$39,619 47	\$41,316 72	\$11,852 28	\$6,408 95	\$119,726,380 33	\$3,743,154 28	\$53,222 88		\$123,522,766 49	\$861,425,360 38

(a) Includes items 115 and 116, "Water Transfers," \$3,473.72.

(b) Includes item 113, "Water Transfer," \$5,290.05.

Reverse items appear in italic type.

TABLE NO. 8.—RAILWAY OPERATING EXPENSES—MICHIGAN.

No.	Operating Railroads.	Maintenance of way and structures. (I)	Maintenance of equipment. (II)	Traffic. (III)	Transportation, rail-line. (IV)	Miscellaneous operations. (VI)	General. (VII)	Transportation for investment—Cr. (VIII)	Grand total railway operating expenses.	
									Michigan.	Entire line.
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Ry.	\$450,453 96	\$583,892 42	\$19,685 12	\$898,607 77	\$9,190 72	\$54,743 70	\$288 89	\$1,986,345 40	\$122,196,104 85
2	Chicago & North Western Ry.	595,372 20	864,478 20	28,034 20	1,903,246 49	21,357 90	84,118 12	3,163 84	3,494,343 36	109,498,572 24
3	Copper Range R. R.	268,064 09	233,749 99	22,004 89	1,451,655 99		24,441 20		999,916 16	999,916 16
4	Dubuoh, South Shore & Atlantic Ry.	841,959 12	634,772 23	63,372 64	1,950,918 67	41,087 99	92,389 29		3,625,099 94	4,263,020 84
5	Escanaba & Lake Superior R. R.	110,706 80	58,387 73	1,025 13	1,167,111 19		20,299 88		357,530 73	357,530 73
6	Lake Superior & Ishpeming Ry.	196,094 20	185,405 12	2,930 79	296,292 69		30,120 29		710,843 15	710,843 15
7	Manistique & Lake Superior Ry.	56,166 14	30,435 86	1,492 06	88,777 38		10,384 23		187,255 67	187,255 67
8	Mineral Range R. R.	199,694 99	268,367 43	4,626 42	615,455 42		13,117 50		1,101,261 76	1,101,261 76
9	Minneapolis, St. P. & S. Ste. Marie Ry.	324,938 74	527,712 26	23,725 03	1,081,352 39	16,974 56	55,908 13	1,048 00	1,979,563 11	29,690,607 92
10	Munising, Marquette & Southeastern Ry.	170,090 95	129,810 78	3,478 41	307,436 55		16,087 82		626,904 51	626,904 51
11	Ontonagon R. R.		2,829 95		8,850 28		1,483 72		13,163 95	13,163 95
Total, Upper Peninsula, Classes I and II.		\$3,213,541 25	\$3,519,842 06	\$171,274 69	\$7,689,764 82	\$39,211 17	\$403,093 88	\$4,500 13	\$15,082,227 74	\$269,645,181 78
Lower Peninsula—Classes I and II.										
13	Ann Arbor R. R.	\$584,170 96	\$758,382 84	\$46,296 51	\$1,630,155 15	\$5,865 70	\$109,839 17		\$3,134,710 33	\$3,195,423 37
14	Boyer City, Gaylord & Alpena R. R.	71,170 37	59,339 76	4,934 30	113,816 49		16,846 46		266,107 38	266,107 38
15	Chicago, Kalamazoo & Saginaw Ry.	50,181 74	22,988 11	6,047 02	85,877 02		10,841 06		175,934 95	175,934 95
16	Cincinnati Northern R. R.	71,155 22	127,501 48	5,935 42	175,322 06		9,232 39	\$453 18	386,663 39	2,342,937 87
17	Cleveland, Cin., Chicago & St. L. Ry.	56,194 91	106,986 39	6,795 84	217,366 80	3,187 06	9,254 40	191 68	399,563 72	51,895,288 69
18	Detroit, Bay City & Western R. R.	57,159 31	97,991 66	9,795 69	169,244 50		12,184 13		346,375 29	346,375 29
19	Detroit & Mackinac Ry.	273,425 92	437,373 72	26,521 45	687,756 64		63,380 13		1,488,457 86	1,488,457 86
20	Detroit Terminal R. R.	65,600 78	62,963 50	120 10	385,891 11		15,614 41		530,189 90	530,189 90
21	Detroit, Toledo & Ironton R. R.	26,813 03	37,385 99	1,680 39	69,391 05		6,181 29	31 66	140,420 19	3,795,140 78
22	Detroit & Toledo Shore Line R. R.	139,861 42	207,487 69	16,000 79	618,568 31		42,625 11	366 34	1,023,566 98	1,097,306 95
23	Grand Rapids & Indiana Ry.	702,380 63	1,238,163 97	79,708 66	2,333,221 68	18,069 15	170,898 29	5 00	4,542,439 38	6,474,044 78
Grand Trunk Railway System:										
24	Chi., Det. & Canada G. T. Jet. R. R.	165,281 66	315,260 61	13,197 43	886,921 38		25,827 25		1,406,498 33	1,406,498 33
25	Cincinnati, Saginaw & Mackinaw R. R.	99,797 70	75,260 27	7,025 40	253,035 55		18,356 81	04 05	343,401 18	453,401 18
26	Detroit, Grand Haven & Milwaukee Ry.	469,578 55	726,467 61	45,103 81	2,114,524 13		102,458 91		3,458,133 01	3,458,133 01
27	Detroit & Huron Ry.	11,157 88	6,896 75	1,268 01	16,148 86		2,095 18		37,566 68	37,566 68
28	Grand Trunk Western Ry.	902,345 13	2,122,487 19	114,819 99	2,688,144 40	48,023 87	196,511 65	784 07	6,071,548 16	10,224,207 01

MICHIGAN PUBLIC UTILITIES COMMISSION

103

29	Michigan Air Line Ry	132,428 31	87,733 91	7,786 82	256,576 75	20,803 86	\$7 03	505,302 62	505,302 62
30	Pontiac, Oxford & Northern R. R.	142,283 24	67,554 56	8,502 13	231,688 01	20,432 59	54 68	470,430 95	470,430 95
31	Toledo, Saginaw & Muskegon Ry	120,064 40	72,474 08	7,134 52	193,036 85	20,091 94	.....	413,401 79	413,401 79
32	Manistee & Northwestern R. R.	89,166 94	121,271 33	12,017 17	243,631 35	25,209 44	.....	491,326 23	491,326 23
33	Michigan Central R. R.	4,919,632 45	7,902,709 77	472,728 10	18,012,570 76	733,543 61	13,040 78	32,601,938 02	51,070,072 12
34	New York Central R. R.	1,143,408 50	2,035,835 92	92,990 93	4,089,335 25	226,720 43	.....	7,589,485 79	232,401,704 77
35	Pere Marquette Ry	3,022,833 90	4,899,755 75	274,956 13	9,756,310 83	600,511 52	9,315 63	18,594,152 18	23,315,551 35
36	Port Huron Southern R. R.	4,141 30	3,101 74	22 25	17,424 03	1,630 04	.....	26,319 36	26,319 36
37	Wabash Ry	314,542 03	658,818 77	39,984 96	1,904,525 38	64,050 53	676 66	2,995,033 49	40,124,009 12
	Total, Lower Peninsula, Classes I and II.	\$13,635,099 28	\$22,252,193 37	\$1,301,373 87	\$47,130,474 34	\$2,524,746 10	\$25,388 66	\$87,551,017 16	\$436,008,621 34
Upper Peninsula—Class III.									
38	Blaney & Southern Ry	\$3,959 56	\$1,262 30	.....	\$8,860 25	\$976 17	.....	\$15,058 28	\$15,058 28
39	Houghton, Chassell & Northwestern R. R.	1,912 39	3,173 23	.....	8,739 40	27 53	.....	13,852 55	13,852 55
40	Quincy & Torch Lake R. R.	.....	.....	.....	.....	.....	.....	.....	.....
41	Sault Ste. Marie Bridge Co.	.....	.....	.....	.....	.....	.....	.....	.....
42	Wisconsin & Michigan Ry	4,010 73	9,708 28	\$510 55	14,848 34	5,076 48	.....	34,154 38	67,733 75
43	Wisconsin & Michigan R. R.	603 54	2,496 00	416 41	3,424 69	2,118 27	.....	9,058 91	21,487 03
Lower Peninsula—Class III.									
45	Arcadia & Betsey River Ry	2,819 11	5,761 65	137 64	6,921 25	1,387 46	.....	17,027 11	17,027 11
46	Delray Connecting R. R.	58,822 50	127,744 96	.....	241,135 05	23,890 55	.....	451,583 06	451,583 06
47	Delray Terminal R. R.	3,827 56	2,991 36	.....	39,753 67	6,865 34	.....	53,437 93	53,437 93
48	East Jordan & Southern R. R.	33,518 38	16,257 05	2,282 11	40,262 84	9,510 41	.....	101,830 79	101,830 79
49	Empire & South Eastern R. R.	4,048 97	7,614 60	.....	9,515 41	40 75	.....	14,369 73	14,369 73
50	Erie & Michigan Ry. & Nav. Co.	1,577 80	17,819 56	4,334 48	13,230 55	491 45	.....	37,453 84	44,131 07
51	Kalamazoo, Lake Shore & Chicago Ry	30,716 65	25,682 32	5,119 47	69,785 43	5,083 91	.....	136,987 78	136,987 78
52	Lidlington & Northern Ry	8,052 10	4,539 80	1,000 00	18,673 03	2,132 69	.....	34,397 62	34,397 62
53	Michigan East & West Ry	21,944 90	6,824 07	3,695 20	41,556 13	4,220 69	.....	78,240 99	78,240 99
54	St. Clair Tunnel Co.	16,849 75	16,702 47	.....	51,109 52	289 19	.....	96,538 07	180,489 03
56	Wyandotte Southern R. R.	5,083 48	5,305 72	531 56	12,226 16	17 20	.....	23,169 12	23,169 12
57	Wyandotte Terminal R. R.	36,317 71	24,167 91	.....	91,772 91	11,093 43	.....	163,351 96	163,351 96
	Total, Class III.	\$234,070 13	\$271,201 28	\$18,027 42	\$671,814 63	\$73,811 52	.....	\$1,279,512 12	\$1,417,147 80
	Grand total, all classes.	\$17,082,710 66	\$26,043,236 71	\$1,490,675 98	\$55,492,053 79	\$3,001,551 50	\$29,888 69	\$103,912,757 02	\$707,070,950 92

Note: Credit items appear in italics.

TABLE NO. 9.—ROAD OPERATED AT CLOSE OF YEAR—WITHIN THE STATE.

No.	Railroads.	Miles of road.	Miles of second main track.	Miles of third main track.	Miles of fourth main track.	Miles of all other main tracks.	Miles of yard track and sidings, etc.	Total.
Upper Peninsula—Classes I and II.								
1	Chicago, Milwaukee & St. Paul Railway Co.	282.82	65.68			2.37	137.33	422.52
2	Chicago & North Western Railway Co.	510.90					424.29	1,000.87
3	Copper Range Railroad Co.	161.68					28.36	190.04
4	Duluth, South Shore & Atlantic Railway Co.	506.76	6.55				163.40	676.71
5	Escanaba & Lake Superior Railroad Co.	145.46					23.01	168.47
6	Lake Superior & Ishpeming Railway Co.	34.04					71.79	105.83
7	Manistique & Lake Superior Railroad Co.	65.67					18.01	83.68
8	Mineral Range Railroad Co.	101.11					49.39	150.50
9	Minneapolis, St. Paul & Sault Ste. Marie Railway Co.	246.68	1.48				110.17	358.33
10	Munising, Marquette & Southeastern Railway Co.	130.09					186.28	316.37
11	Ontonagon Railroad Co.	6.63					6.63	13.26
	Total, Upper Peninsula.	2,171.84	73.71			2.37	1,101.94	3,349.86
Lower Peninsula—Classes I and II.								
13	Ann Arbor Railroad Co.	295.40					95.68	391.08
14	Boyer City, Gaylord & Alpena Railroad Co.	91.52					36.59	128.11
15	Chicago, Kalamazoo & Saginaw Railway Co.	44.90					17.94	62.84
16	Cincinnati Northern Railroad Co.	41.07	0.46				8.66	50.19
17	Cleveland, Cincinnati, Chicago & St. Louis Railway Co.	34.97					7.63	42.60
18	Detroit, Bay City & Western Railroad Co.	107.50					15.79	123.29
19	Detroit & Mackinac Railway Co.	376.95					112.66	489.61
20	Detroit Terminal Railroad Co.	21.79	4.56				52.63	78.98
21	Detroit, Toledo & Ironton Railroad Co.	100.60					138.50	239.10
22	Detroit & Toledo Shore Line Railroad Co.	58.36	20.41				27.23	106.00
23	Grand Rapids & Indiana Railway Co.	423.61	6.40	.23			222.84	653.08
Grand Trunk Railway System:								
24	Chicago, Detroit & Canada G. T. Jct. Railroad Co.	60.00	10.62	2.38			84.61	158.00
25	Cincinnati, Saginaw & Mackinaw Railroad Co.	54.16					29.67	100.10
26	Detroit, Grand Haven & Milwaukee Railway Co.	190.52	15.59				133.46	345.08
27	Detroit & Hiron Railway Co.	18.59					5.69	24.28
28	Grand Trunk Western Railway Co.	235.71	222.87				119.35	561.25

29	Michigan Air Line Railway Co.	105.60						15.91	121.51
30	Pontiac, Oxford & Northern Railroad Co.	100.59						12.50	113.09
31	Toledo, Saginaw & Muskegon Railway Co.	95.91						13.73	110.68
32	Mannette & North Eastern Railroad Co.	189.82						48.12	237.94
33	Michigan Central Railroad Co.	1,255.08	290.09	4.27	4.38			1,171.86	2,725.68
34	New York Central Railroad Co.	582.91	55.78					174.43	817.98
35	Pere Marquette Railway Co.	1,776.90	84.29	4.86				747.44	2,611.63
36	Fort Hiron Southern Railroad Co.	4.40						4.60	9.00
37	Wabash Railway Co.	105.60	46.90					75.50	228.00
	Total, Lower Peninsula	6,375.46	757.97	11.74	4.38			3,373.02	10,549.10
Class III.									
38	Blaney & Southern Railway Co.	8.00						2.00	10.00
39	Houghton, Chassell & Sault Ste. Marie Railroad Co.	11.00						1.00	12.00
40	Sault Ste. Marie Bridge Co.	36							36
41	Wisconsin & Michigan Railroad Co.	34.10						3.80	37.90
42	Armadillo & Belee River Railway Co.	21.00						1.00	22.00
43	Detroit Connecting Railroad Co.	12.91						12.44	25.35
44	Detroit Terminal Railroad Co.							80	80
45	East Jordan & Southern Railroad Co.	18.60						30.85	49.55
46	Empire & South Eastern Railroad Co.	11.00						1.00	12.00
47	Erie & Michigan Railway & Navigation Co.	11.00							11.00
48	Kalamazoo, Lake Shore & Chicago Railway Co.	50.51							50.51
49	Lansing & Northern Railway Co.	11.25						5.14	16.39
50	Michigan East & West Railway Co.	72.00						25.19	97.19
51	St. Clair Tunnel Co.	1.01						35	36
52	Wyandotte Southern Railroad Co.	1.00						4.50	5.50
53	Wyandotte Terminal Railroad Co.	21.37							21.37
	Total, Class III.	275.11						88.17	363.28
	Grand total, all classes	8,822.41	831.68	11.74	4.38	2.37		4,563.13	14,262.24

- (a) Includes 0.39 mile business producing spurs.
 (b) Includes 16.27 miles business producing spurs.
 (c) Includes 5.51 miles business producing spurs.
 (d) Includes 3.32 miles business producing spurs.
 (e) Includes 1.04 miles business producing spurs.
 (f) Includes yard track and siding mileage in Wisconsin also.
 (g) Logging branches.
 (h) Yard track and siding mileage not segregated as to States.

TABLE No. 9A—SUMMARY OF TRACK MILEAGE OPERATED WITHIN THE STATE (ALL MAIN TRACK).

No.	Railroads.	Line owned.		Line of proprietary companies. (d)	Lines operated under lease. (e)	Line operated under contract. (f)	Line operated under trackage rights. (g)	Total mileage operated.		New line constructed during year— Michigan. (i)
		Main line. (b)	Branches and spurs (c).					Michigan. (h)	Entire line. (h)	
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Railway Co.	57.79	136.48				68.55	262.82	10,272.58	
2	Chicago & Northwestern Railway Co.	220.08	290.82					510.90	8,090.45	
3	Copper Range Railroad Co.	92.84	27.73		17.58	3.93	19.60	161.68	161.68	
4	Duluth, South Shore & Atlantic Railway Co.	418.83	43.07				20.01	481.91	599.82	
5	Escanaba & Lake Superior Railroad Co.	63.36	82.10					145.46	145.46	
6	Lake Superior & Ishpeming Railroad Co.	26.10	7.02				.92	34.04	34.04	
7	Manistique & Lake Superior Railroad Co.	38.32	27.35					65.67	65.67	
8	Mineral Range Railroad Co.	62.33	6.99	29.15			2.64	101.11	101.11	
9	Minneapolis, St. Paul & Sault Ste. Marie Railway Co.	192.47	46.82			6.86	.53	246.68	4,243.41	
10	Munising, Marquette & Southeastern Railway Co.	96.20	33.89					130.09	130.09	
11	Ontonagon Railroad Co.	6.63					8.37	15.00	15.00	
	Total, Upper Peninsula	1,274.95	702.27	29.15	17.58	10.79	120.62	2,155.36	23,859.11	
Lower Peninsula—Classes I and II.										
13	Ann Arbor Railroad Co.	286.00	9.32				.08	295.40	301.12	
14	Boyer City, Gaylord & Alpena Railroad Co.	91.52						91.52	91.52	
15	Chicago, Kalamazoo & Saginaw Railway Co.	44.90						44.90	44.90	
16	Cincinnati Northern Railroad Co.	39.85					1.22	41.07	245.83	
17	Cleveland, Cincinnati, Chicago & St. Louis Railway Co.	34.97						24.97	2,395.77	
18	Detroit, Bay City & Western Railroad Co.	99.00			8.50			107.50	107.50	
19	Detroit & Mackinac Railway Co.	195.33	179.69				1.93	376.95	376.95	
20	Detroit Terminal Railroad Co.	17.99					3.80	21.79	21.79	
21	Detroit, Toledo & Ponton Railroad Co.	65.70		19.20			15.70	100.60	457.29	
22	Detroit & Toledo Shore Line Railroad Co.	44.06					14.30	58.36	61.90	
23	Grand Rapids & Indiana Railway Co.	313.43	110.18					423.61	569.98	
Grand Trunk Railway System:										
24	Chicago, Detroit & Canada G. T. Jct. R. R. Co.	60.00	39	1.19		1.05		60.39	60.39	
25	Cincinnati, Saginaw & Mackinaw Railroad Co.	52.97	15.22		2.30			70.43	70.43	
26	Detroit, Grand Haven & Milwaukee Railroad Co.	189.00	4.73					196.03	196.03	
27	Detroit & Huron Railway Co.	18.59						18.59	18.59	
28	Grand Trunk Western Railway Co.	224.41	.41	3.53	9.41		1.27	239.03	350.37	

29	Michigan Air Line Railway Co.	105.60							105.60			
30	Pontiac, Oxford & Northern Railroad Co.	100.59							100.59			
31	Toledo, Saginaw & Muskegon Railway Co.	95.91							96.95			
32	Manistee & North Eastern Railroad Co.	70.76							189.82			
33	Michigan Central Railroad Co.	222.78							1,255.08			
34	New York Central Railroad Co.								582.91			
35	Pere Marquette Railway Co.	1,395.40							1,779.90			
36	Port Huron Southern Railroad Co.	3.39							4.40			
37	Wabash Railway Co.	75.82							105.60			
	Total, Lower Peninsula.....	3,847.97	46.98	393.96	2.06	104.11			18,558.09			
	Class III.											
38	Blaney & Southern Railway Co.	8.00							8.00			
39	Houghton, Chassel & South Western Railroad Co.	11.00							11.00			
41	Quincy & Torch Lake Railroad Co.	6.20							6.20			
42	Sault Ste. Marie Bridge Co.	36							36			
44	Wisconsin & Michigan Railroad Co.	22.30							24.10			
45	Arcadia & Betsey River Railway Co.	21.00							21.00			
46	Delray Connecting Railroad Co.	3.18							12.91			
47	Delray Terminal Railroad Co.	80							80			
48	East Jordan & Southern Railroad Co.	18.60							49.55			
49	Empire & South Eastern Railroad Co.	11.00							11.00			
50	Erie & Michigan Railway & Navigation Co.	2.70							11.00			
51	Kalamazoo, Lake Shore & Chicago Railway Co.	16.89							50.51			
52	Ludington & Northern Railway Co.	8.55							11.25			
53	Michigan East & West Railway Co.	72.00							72.00			
54	St. Clair Tunnel Co.	1.01							1.01			
56	Wyandotte Southern Railroad Co.	1.00							1.00			
57	Wyandotte Terminal Railroad Co.	1.28							21.37			
	Total, Class III.....	205.88		40.88	20.08	15.47			340.75			0.23
	Grand total, all classes.....	5,328.80	76.13	452.42	32.93	240.20			8,870.41			.23

(a) Operated by Quincy Mining Company.

TABLE NO. 10-A—STEAM LOCOMOTIVE EQUIPMENT AT CLOSE OF YEAR—ENTIRE LINE.

No.	Railroads	Number of units.			Units available for service at close of year.				Tractive capacity.		
		Available for service at beginning of year (b)	Installed during year. (c)	Retired from service during year. (d)	Total number (e)	Number fully owned. (f)	number held under equipment trust. (g)	Number under lease from a railway company. (h)	Maximum 000 lbs. (j)	Minimum 000 lbs. (k)	Total all locomotives 000 lbs. (l)
Upper Peninsula—Classes I-II.											
1	Chicago, Milwaukee & St. Paul Ry. Co.	1,936	56	142	1,794	1,794	372		76.2	6.5	57,594.3
2	Chicago & North Western Ry. Co.	1,970	2	2	2,024	1,652			55.3	6.5	60,751.1
3	Copper Range Railroad Co.	21	2		23	23			42.7	18.6	754.4
4	Duluth, South Shore & Atlantic Ry. Co.	76			76	61	15		39.1	14.2	1,808.9
5	Escanaba & Lake Superior Railroad Co.	10			10	10			31	14	240
6	Lake Superior & Ishpeming Ry. Co.	20			20	20			625	26.5	756
7	Manistique & Lake Superior Railroad Co.	7			7	7			25	11.4	133.4
8	Mineral Range Railroad Co.	26		1	25	17	8		49.5	16	830
9	Mun. St. Paul & South Ste. Marie Ry. Co.	514		8	506	278	40	188	53.9	12	14,059.1
10	Munising, Marquette & S. E. Ry. Co.	14			14	14			55.9	18.1	418.3
11	Ontonagon Railroad Co.	1			1	1			18	18	18
Total, Upper Peninsula.		4,595	58	153	4,500	3,877	435	188			137,363.2
Lower Peninsula, Classes I-II.											
13	Ann Arbor Railroad Co.	47			47	31	16		54.5	12.4	1,474.9
14	Bozine City, Gaylord & Alpena R. R. Co.	12			12	12			27.6	12	170.1
15	Chi., Kalamazoo & Saginaw Ry. Co.	7	1	3	5	5			21.04	14.11	86.9
16	Cincinnati Northern Railroad Co.	41	1	2	40	40			46.5	13.9	1,354.4
17	Cleveland, Cin., Chi. & St. Louis Ry. Co.	826	57		882	470	354	58	54.7	12.3	32,139.2
18	Detroit, Bay City & Western R. R. Co.	9			9	9			21.4	12.7	150.1
19	Detroit & Mackinac Ry. Co.	35			35	35			38.4	11.2	706.1
20	Detroit Terminal Railroad Co.	17			17	17			49.5	34.1	615.1
21	Detroit, Toledo & Ironton Railroad Co.	67	3		70	70			56.7	12.9	2,153.2
22	Detroit & Toledo Shore Line Railroad Co.	22	2		24	24			45.1	22.8	717.07
23	Grand Rapids & Indiana Ry. Co.	105			105	102		3	53.2	14.6	3,033.5
Grand Trunk Railway System:											
24	Chi., Det. & Canada G. T. Jct. R. R. Co.				3	3			18.6	14.0	50.6
25	Cincinnati, Saginaw & Mackinaw R. R. Co.	3			3	3			29.9	14	164
26	Detroit, G. H. & Milwaukee Ry. Co.	8			8	8					
27	Detroit & Huron Ry. Co.										
28	Grand Trunk Western Ry. Co.	332	17	2	347	180		167	51.6	14	9,541.3

32	Manistee & North Eastern Railroad Co.	216	837,010	344	89,120	934	30,480	6,017	328,100	9	180
33	Michigan Central Railroad Co.	23,468	2,585,400	1,958	183,505	1,594	44,437.5	58,628	2,791,527.5		
34	New York Central Railroad Co.	65,798	385,555	4,570	15,360	295	8,880	3,265	130,992		
35	Port Huron Southern Railroad Co.	11,324	379,400	318	24,070	1,364	53,165	5,200	250,480		
36	Port Huron Southern Railroad Co.	10,697		636							
37	Wabash Railway Co.										
	Total, Lower Peninsula.....	135,892	5,140,350	10,136	370,283	5,283	174,542.5	93,115	4,384,614.5	10	210
Class III.											
38	Blaney & Southern Railway Co.			6	120						
39	Houghton, Chasell & South Western R. R. Co.			30	800						
40	Quincy & Torch Lake Railroad Co.										
41	Wisconsin & Michigan Railroad Co.	15	450	71	2,130			12	360		
42	Wisconsin & Michigan Railroad Co.	2	50	20	500						
43	Acadia & Beucey River Ry. Co.										
44	Delray Connecting Railroad Co.										
45	Delray Terminal Railroad Co.			5	125			519	25,325		
46	East Jordan & Southern Railroad Co.	1	25	80	2,290			22	1,100		
47	Empire & South Eastern Railroad Co.	115	2,360	4	40						
48	Erie & Michigan Ry. & Navigation Co.										
49	Kalamazoo, Lake Shore & Chicago Ry. Co.	13	260	1	20						
50	Ludington & Northern Ry. Co.			9	180						
51	Michigan East & West Ry. Co.			14	420						
52	St. Clair Tunnel Co.			2							
53	Wyandotte Southern Railroad Co.										
54											
55											
56											
	Total, Class III.....	146	3,175	242	6,625			553	26,785		
	Grand Total, All Classes.....	231,158	8,538,403	22,978	894,130	15,763	483,094.5	116,478	5,456,722.5	12	290

MICHIGAN PUBLIC UTILITIES COMMISSION

113

32	Manistee & North Eastern Railroad Co.	30	10	(a)	637	1,377,850	8,273	413,650	16,089	652,220
33	Michigan Central Railroad Co.	415	324	(a)	33,153	142,123	37,615	1,861,070	83,904	3,275,420
34	New York Central Railroad Co.	8,929	1,603	(a)	142,123	541,102	856	37,170	151	6,675
35	Pere Marquette Ry. Co.	13	192		15,547	707,115			8,511	379,990
36	Port Huron Southern Railroad Co.		335		18,232					
37	Wabash Railway Co.									
	Total, Lower Peninsula	10,204	4,714	54,550	259,354	10,457,090	60,208	2,088,480	125,102	4,933,365
	Class III.									
38	Blaney & Southern Ry. Co.									
39	Houghton, Chassell & South Western R. R. Co.									
40	Quincy & Torch Lake Railroad Co.		30	580	6	120				
41	Wisconsin & Michigan Railroad Co.				60	1,380				
42	Arcadia & Beley River Ry. Co.				107	3,210				
43	Delray Connecting Railroad Co.				22	550				
44	Delray Terminal Railroad Co.				519	25,325				
45	East Jordan & Southern Railroad Co.				27	1,225				
46	Empire & South Eastern Railroad Co.		140	1,042	220	3,332				
47	Erie & Michigan Ry. & Navigation Co.		1	(a)	6	65				
48	Kalamazoo, Lake Shore & Chicago Ry. Co.		6	45	121	2,435				
49	Ludington & Northern Ry. Co.		1	(a)	15	280				
50	Michigan East & West Ry. Co.		2		9	180				
51	St. Clair Tunnel Co.				17	450				
52	Wyandotte Southern Railroad Co.									
53										
54										
55										
56										
	Total, Class III.	10	181	1,067	1,132	38,552				
	Grand Total, All Classes	15,037	24,507	835,282	425,933	16,624,552	68,282	3,391,180	184,873	7,444,625

(a) Caboose cars.

TABLE NO. 10C—PASSENGER-TRAIN EQUIPMENT—REVENUE SERVICE—ENTIRE LINE.

No.	Railroads.	Total number of cars in service at close of year.								
		Coches.	Combina- tion passen- ger cars.	Other combina- tion cars.	Emigrant cars.	Dining cars.	Parlor cars.	Sleeping cars.	Baggage and express cars.	Postal cars.
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Railway Co.	647	127	144		56	23	239	315	43
2	Chicago & North Western Railway Co.	1,055	177	109		37	69		281	36
3	Copper Range Railroad Co.	15	4			1			2	
4	Duluth, South Shore & Atlantic Railway Co.	31	5			6		7	18	
5	Escanaba & Lake Superior Railroad Co.	2	3							
6	Lake Superior & Ishpeming Railway Co.	3	1							
7	Manistique & Lake Superior Railroad Co.	1	1							
8	Mineral Range Railroad Co.									
9	Minneapolis, St. Paul & Sault Ste. Marie Railway Co.	183	34	54		15	12	57	32	21
10	Munising, Marquette & Southeastern Railway Co.	5	9							
11	Ontonagon Railroad Co.									
Total, Upper Peninsula.		1,942	362	307		115	104	303	648	100
Lower Peninsula—Classes I and II.										
13	Ann Arbor Railroad Co.	22	8						7	
14	Boyer City, Gaylord & Alpena Railroad Co.	2	2							
15	Chicago, Kalamazoo & Saginaw Railway Co.	4	1	1						
16	Cincinnati Northern Railroad Co.	13	1	5					2	
17	Cleveland, Cincinnati, Chicago & St. Louis Railway Co.	282	65	39		28			97	32
18	Detroit, Bay City & Western Railroad Co.	5	3							
19	Detroit & Mackinac Railway Co.	27	7				2		8	
21	Detroit, Toledo & Ironton Railroad Co.	16	3	6		1			2	
22	Detroit & Toledo Shore Line Railroad Co.									
23	Grand Rapids & Indiana Railway Co.	69	16	13		3			17	2
Grand Trunk Railway System:										
24	Chicago, Detroit & Canada G. T. Jct. Railroad Co.									
25	Cincinnati, Saginaw & Mackinaw Railroad Co.									
26	Detroit, Grand Haven & Milwaukee Railway Co.									
27	Detroit & Huron Railway Co.									
28	Grand Trunk Western Railway Co.	59	4	38						

TABLE NO. 10C—PASSENGER-TRAIN CAR EQUIPMENT—REVENUE SERVICE—ENTIRE LINE—Concluded.

No.	Railroads.	Cars in service at close of year.		Total seating capacity.						Total seating capacity.
		Other passenger-train cars.	Total passenger-train cars.	Coaches.	Combination passenger cars.	Emigrant cars.	Dining cars.	Parlor cars.	Sleeping cars.	
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Railway Co.		1,594	40,842	3,421		1,791	686	10,944	57,681
2	Chicago & North Western Railway Co.	238	2,002	65,562	7,198		1,176	3,308		77,244
3	Copper Range Railroad Co.		22	998	160		40			1,198
4	Duluth, South Shore & Atlantic Railway Co.		67	1,930	154		160		352	2,596
5	Escanaba & Lake Superior Railroad Co.	5	5	78	98					176
6	Lake Superior & Ishpeming Railway Co.		4	180	28					208
7	Manitowish & Lake Superior Railroad Co.		2	58	28					86
8	Mineral Range Railroad Co.		1		48					48
9	Minnesota, St. Paul & Sault Ste. Marie Railway Co.	18	426	11,865	1,080		428	447	3,566	17,386
10	Munising, Marquette & Southeastern Railway Co.		14	300	360					660
11	Ontonagon Railroad Co.									
Total, Upper Peninsula										
		256	4,137	121,813	12,575		3,595	4,441	14,862	157,286
Lower Peninsula—Classes I and II.										
13	Ann Arbor Railroad Co.		37	1,538	312					1,850
14	Bozoyne City, Gaylord & Alpena Railroad Co.		4	106	66					172
15	Chicago, Kalamazoo & Saginaw Railway Co.		6	256	16					272
16	Cincinnati Northern Railroad Co.		21	808	44					852
17	Cleveland, Cincinnati, Chicago & St. Louis Railway Co.	18	561	20,575	2,674		591			23,840
18	Detroit, Bay City & Western Railroad Co.		8	240	99					339
19	Detroit & Mackinac Railway Co.		45	2,029	266			80		2,427
20	Detroit, Toledo & Grand Rapids Railway Co.		27	1,004	82					1,086
21	Detroit & Toledo Shore Line Railroad Co.									
22	Detroit & Toledo Shore Line Railroad Co.									
23	Grand Rapids & Indiana Railway Co.		120	4,446	452		96			4,994
Grand Trunk Railway System:										
24	Chicago, Detroit & Canada G. T. Ry. Railroad Co.									
25	Cincinnati, Saginaw & Mackinaw Railroad Co.									
26	Detroit, Grand Haven & Milwaukee Railway Co.									
27	Detroit & Huron Railway Co.									
28	Grand Trunk Western Railway Co.	101		3,677	162					3,839

MICHIGAN PUBLIC UTILITIES COMMISSION

29	Michigan Air Line Railway Co.	5	180	180	696	
30	Pontiac, Oxford & Northern Railroad Co.				22,012	
31	Toledo, Saginaw & Muskegon Railway Co.	15	450	246	146,365	
32	Manistee & North Eastern Railroad Co.				15,899	
33	Michigan Central Railroad Co.	6	530	1,174	720	
34	New York Central Railroad Co.	462	3,502	10,132	2,462	
35	Pere Marquette Railway Co.	350	13,740	1,313	306	
36	Wabash Railway Co.	411	13,266	1,768	518	
37					237	
	Total, Lower Peninsula	486	216,213	18,806	4,745	240,612
Class III.						
38	Blaney & Southern Railway Co.	1				
39	Houghton, Chassell & South Western Railroad Co.					
40	Quincy & Torch Lake Railroad Co.					
41	Wisconsin & Michigan Railroad Co.	2				
42	Arcadia & Betsay River Railroad Co.	2				
43						
44	Delray Connecting Railroad Co.					
45	Delray Terminal Railroad Co.					
46	East Jordan & Southern Railroad Co.	3				
47	Empire & South Eastern Railroad Co.	1				
48	Erle & Michigan Railway & Navigation Co.	1				
49						
50	Kalamazoo, Lake Shore & Chicago Railway Co.	8				
51	Ludington & Northern Railway Co.	9				
52	Michigan East & West Railway Co.	2				
53	Wyandotte Southern Railroad Co.					
54	Wyandotte Terminal Railroad Co.					
55						
56						
57						
	Total, Class III	29				
	Grand total, all classes	742	338,026	31,381	8,340	397,898

TABLE NO. 11.—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN.

No.	Operating railroads.	Average mileage of road operated.			Train miles.						
		Passenger service. Item 1. Michigan.	All services. Item I.	Freight.			Passenger Item 14.	Mixed Item 15.	Special Item 16.	Total transportation service. Item 17.	
				Ordinary. Item 11.	Light. Item 12.	Total. Item 13.					
Upper Peninsula—Classes I and II.											
1	Chicago, Milwaukee & St. Paul Railway	197 39	262 82	338 588	16 951	355 539	167 945	64 017	302	587 803	
2	Chicago & North Western Railway	347 93	510 90	621 038	8 909	629 947	488 958	62 587	371	1,181 863	
3	Copper Range R. R.	101 57	161 68	139 312		139 312	151 939	51 036		342 287	
4	Duluth, South Shore & Atlantic Railway	411 89	482 72	771 741	10 665	782 436	747 506	16 920	2 267	1,549 129	
5	Escanaba & Lake Superior Railroad	145 46	145 46	32 642		32 642		38 868		71 510	
6	Lake Superior & Ishpeming Railway		34 04	46 434		46 434	11 069		133	57 636	
7	Manistique & Lake Superior Railway	34 32	65 67	50 864	2 292	53 156		23 162		76 318	
8	Mineral Range Railroad	56 29	100 93	141 763	47	141 810	38 391	27 182	119	207 502	
9	Minneapolis, St. Paul & Sault Ste. Marie Railway	246 69	246 69	487 069	5 644	492 653	231 846	25 971	4	750 474	
10	Munising, Marquette & Southeastern Railway		130 09	75 010		75 010	33 782	113 783	1 103	223 678	
11	Ontonagon Railroad	12 41	12 41					7 921		7 921	
	Total, Upper Peninsula, Classes I and II.	1,553 95	2,153 41	2,704,401	44,538	2,748,939	1,871,436	431,447	4,299	5,056,121	
Lower Peninsula—Classes I and II.											
13	Ann Arbor Railroad	288 14	295 40	473 347	15 077	488 424	412 804		697	901 925	
14	Bayne City, Gaylord and Alpena Railroad	56 00	78 00	48 220		48 220	36 610	8 580		93 410	
15	Chicago, Kalamazoo & Saginaw Railway	44 90	44 90	23 065		23 065	57 405	2 070		83 470	
16	Cincinnati Northern Railroad	41 07	41 07	67 928	904	68 832	42 885			111 717	
17	Cleveland, Cincinnati, Chicago & St. Louis Railway	34 97	34 97	84 897	1 377	86 274	40 096		136	126 506	
18	Detroit, Bay City & Western Railroad	107 50	107 50	71 987	1 394	73 381	145 398		403	219 182	
19	Detroit & Mackinac Railway	355 83	381 90	175 118	4 526	179 644	265 118	133 430	820	579 012	
20	Detroit Terminal Railroad		22 55								
21	Detroit, Toledo & Ironton Railroad	81 29	103 10	21 662	548	22 210	11 848	350	49	34 457	
22	Detroit, Toledo & Shore Line Railroad		58 36	223 326	10 929	234 255				234 255	
23	Grand Rapids & Indiana Railway	405 97	428 78	823 777	5 178	828 955	783 871	47 736	845	1 661 407	

24	Grand Trunk Railway System:	62 77	160,761	18,347	179,108	117,879		271	297,258
25	Chicago, Detroit & Canada G. T. Jet. Railroad	70 43	67,188	1,769	68,957	68,208		53	137,158
26	Cincinnati, Saginaw & Mackinaw Railroad	196 03	537,131	29,088	566,219	321,866		237	888,322
27	Detroit, Grand Haven & Milwaukee Railway	18 59	418			38	11,704		12,160
28	Detroit & Huron Railway	239 03	1,522,401	122,394	1,644,795	799,858	27,104	267	2,472,024
29	Grand Trunk Western Railway	105 60	72,256	1,007	73,263	111,821			185,084
30	Michigan Air Line Railway	100 59	70,935	2,003	72,938	126,898			199,836
31	Pontiac, Oxford & Northern Railroad	112 20	101,684	1,090	102,774	67,411		700	170,885
32	Toledo, Saginaw & Muskegon Railway	181 64	142,702		142,702	110,890	25,984	182	279,758
33	Manistee & Northeastern Railroad	1,219 19	4,039,609	87,374	4,126,983	3,874,325	291,220	3,159	8,295,687
34	Michigan Central Railroad	576 99	1,005,669	21,378	1,027,047	897,133	73,924	847	2,023,901
35	New York Central Railroad	1,662 08	3,057,834	99,988	3,157,822	2,174,479	173,089	5,614	5,510,004
36	Pere Marquette Railway	80 40	410,997	15,780	426,777	397,226		79	894,032
37	Port Huron Southern Railroad								
	Wabash Railway								
	Total, Lower Peninsula, Classes I and II	6,041 21	13,227,842	440,091	13,667,933	10,864,117	795,091	14,359	25,341,500
	Total, Classes I and II	7,595 16	15,932,243	484,629	16,416,872	12,735,553	1,226,538	18,658	30,397,621
	Total, Class III	231 20			35,090	13,406	101,791		150,287
	Grand total, all classes	7,826 36	15,932,243	484,629	16,451,962	12,748,959	1,328,329	18,658	30,547,908

TABLE NO. 11—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

No.	Operating railroad.	Train-miles work service. Item 18.	Locomotive miles.						
			Freight.			Passenger.			
			Principal. Item 21.	Helper. Item 22.	Light. Item 23.	Total. Item 24.	Principal. Item 25.	Helper. Item 26.	
Upper Peninsula—Classes I and II.									
1	Chicago, Milwaukee & St. Paul Railway	21,334	358,623	4,413	5,943	368,979	196,108	564	
2	Chicago & North Western Railway	49,645	633,594	10,368	11,867	655,829	488,938	1,045	
3	Copper Range Railroad	10,245	139,312	326		139,638	151,939	4,431	
4	Duluth, South Shore & Atlantic Railway	37,990	793,370	49,373	55,069	897,812	747,566	9,459	
5	Escanaba & Lake Superior Railroad	10,997	32,642			32,642			
6	Lake Superior & Ishpeming Railway	18,350	46,434			46,434	11,069		
7	Manistique & Lake Superior Railway	3,201	50,864		2,292	53,156			
8	Mineral Range Railroad	8,998	143,237	7,726	10,044	161,007	38,391	921	
9	Minneapolis, St. Paul & Sault Ste. Marie Railway	5,821	481,684	548	940	483,172	230,978		
10	Munising, Marquette & Northeastern Railway	15,210	75,010			75,010	33,782		
11	Ontonagon Railroad						3,961		
Total, Upper Peninsula, Classes I and II			181,801	2,754,770	72,754	86,155	2,913,679	1,902,682	16,420
Lower Peninsula—Classes I and II.									
13	Ann Arbor Railroad	27,981	474,464	7,483	27,380	509,327	412,666	3,140	
14	Boyer City, Gaylord and Alpena Railroad	19,000	48,220			48,220	34,150		
15	Chicago, Kalamazoo & Saginaw Railway		23,095		96	23,191	37,405		
16	Cincinnati Northern Railroad	1,751	68,797	3,081	2,005	73,883	42,951	118	
17	Cleveland, Cincinnati, Chicago & St. Louis Railway	1,303	56,386	730	101	87,217	40,407	26	
18	Detroit, Bay City & Western Railroad	4,576	73,400	205	611	74,216	145,398		
19	Detroit & Mackinac Railway	37,965	179,644	144	1,665	181,453	265,118		
20	Detroit Terminal Railroad								
21	Detroit, Toledo & Fronton Railroad	627	22,210	5,921	1,289	29,420	11,948	42	
22	Detroit & Toledo Shore Line Railroad	321	234,255	12	146	234,413			
23	Grand Rapids & Indiana Railway	82,471	828,955	51,861	51,880	932,696	783,871	14,004	

Grand Trunk Railway System:									
24	Chicago, Detroit & Canada G. T. Int. Railroad	7,873	179,623	4,533	800	184,956	117,879	1,639	
25	Chicago, Saginaw & Mackinaw Railroad	9,042	69,465	4,319	1,574	75,358	68,208	1,878	
26	Detroit, Grand Haven & Milwaukee Railroad	41,675	584,823	18,611	11,772	615,206	321,866	3,429	
27	Detroit & Huron Railway	466	418		164		38		
<hr/>									
28	Grand Trunk Western Railway	86,307	1,647,155	14,207	29,138	1,690,500	799,858	22,921	
29	Michigan Air Line Railway	9,860	73,522	29,540	1,347	104,409	111,821	815	
30	Pontiac, Orford & Northern Railroad	12,526	81,541	8,297	1,068	90,906	126,898	2,563	
31	Toledo, Saginaw & Muskegon Railway	7,530	103,214	5,077	1,298	109,589	67,411	3,632	
<hr/>									
32	Manistee & Northeastern Railroad	15,368	142,702			142,702	110,890		
33	Michigan Central Railroad	175,718	4,963,676	128,504	158,379	5,250,559	4,034,504	115,881	
34	New York Central Railroad	93,723	1,255,211	4,758	22,893	1,282,882	910,004	1,191	
35	Pace Marquette Railway	182,972	3,255,330	154,331	109,848	3,519,509	2,168,219	7,285	
36	Port Huron Southern Railroad								
37	Wabash Railway	4,969	426,777	4,329	3,035	434,141	397,226	875	
<hr/>									
Total, Lower Peninsula, Classes I and II		824,014	14,822,883	445,943	426,489	15,695,315	11,028,726	179,439	
<hr/>									
Total, Classes I and II		1,005,815	17,577,653	518,697	512,644	18,608,994	12,931,418	195,859	
<hr/>									
Total, Class III		6,086				36,107			
<hr/>									
Grand total, all classes		1,011,901	17,577,653	518,697	512,644	18,645,101	12,931,418	195,859	

FIRST ANNUAL REPORT

TABLE NO. 11.—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

Locomotive miles.									
No.	Operating railroad.	Passenger.		Mixed train.			Special.		
		Light Item 27.	Total Item 28.	Principal Item 29.	Helper Item 30.	Light Item 31.	Total Item 32.	Principal Item 33.	Helper Item 34.
		Upper Peninsula—Classes I and II.							
1	Chicago, Milwaukee & St. Paul Ry.		196,672	73,327	863	127	74,317	302	
2	Chicago & North Western Ry.	3,494	493,497	62,587	80		62,667	371	
3	Copper Range Railroad		156,370	51,036			51,036		
4	Duluth, South Shore & Atlantic Railway	16,271	773,236	16,920		360	17,280	2,276	30
5	Escanaba & Lake Superior Railroad			38,868			38,868		
6	Lake Superior & Ishpeming Railway		11,069					133	
7	Manistique & Lake Superior Railway			23,162			23,162		
8	Mineral Range Railroad	1,336	40,648	27,420	3,604	1,851	32,875	119	34
9	Minneapolis, St. Paul & Sault Ste. Marie Railway		230,978	28,643	36	793	29,472	4	
10	Munising, Marquette & Southeastern Railway		33,782	113,783			113,783	1,103	
11	Ontonagon Railroad	3,960	7,921						
	Total, Upper Peninsula, Classes I and II.	25,061	1,944,173	435,746	4,583	3,131	443,460	4,308	64
Lower Peninsula—Classes I and II.									
13	Ann Arbor Railroad	7,806	423,612					167	
14	Bayne City, Gaylord and Alpena R. R.		34,150	8,580			8,580		
15	Chicago, Kalamazoo & Saginaw Railway		57,405	2,970			2,970		
16	Cincinnati Northern Railroad	7	43,076						
17	Cleveland, Cincinnati, Chicago & St. Louis Railway		40,433					136	
18	Detroit, Bay City & Western Railroad	362	145,760	133,430	1,360	2,800	137,610	403	
19	Detroit & Mackinac Railway	3,735	268,853					820	
20	Detroit Terminal Railroad			350	9	24	383	49	
21	Detroit, Toledo & Ironton Railroad	110	12,000						
22	Detroit & Toledo Shore Line Railroad								
23	Grand Rapids & Indiana Railway	14,687	812,562	47,736		1,601	49,337	845	

TABLE NO. 11—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

Locomotive miles.									
No.	Operating railroad.	Special.		Train switching. Item 37.	Yard switching.			Total transportation service. Item 41.	Work service. Item 42.
		Light. Item 35.	Total. Item 36.		Freight. Item 38.	Passenger. Item 39.	Total. Item 40.		
Upper Peninsula—Classes I and II.									
1	Chicago, Milwaukee & St. Paul Railway		302	7,121	147,197		147,197	794,588	21,459
2	Chicago & North Western Railway		371	49,817	838,198	34,079	872,277	2,134,458	51,559
3	Copper Range Railroad			55,624	45,383		45,383	446,061	10,245
4	Duluth, South Shore & Atlantic Railway	454	2,760	147,330	288,541	7,665	296,206	2,134,624	38,462
5	Escanaba & Lake Superior Railroad				82,395		82,395	153,905	10,997
6	Lake Superior & Ishpeming Railway		133		143,407		143,407	201,043	18,350
7	Manitowish & Lake Superior Railway				43,800		43,800	120,118	3,201
8	Mineral Range Railroad		183	57,702	149,393	1,872	151,265	443,680	9,008
9	Minneapolis, St. Paul & Sault Ste. Marie Railway	30		54,224	100,932		100,932	898,782	6,021
10	Munising, Marquette & Southeastern Railway		1,103	4,302	49,170		49,170	292,360	15,210
11	Ontonagon Railroad								
	Total, Upper Peninsula, Classes I and II.	484	4,856	376,120	1,888,416	43,616	1,932,032	7,621,609	184,532
Lower Peninsula—Classes I and II.									
13	Ann Arbor Railroad		167	165	245,000		245,000	1,186,842	27,855
14	Barnes City, Gaylord & Alpena Railroad			13,560	20,520	8,571	20,520	125,030	19,000
15	Chicago, Indianapolis & Saginaw Ry.			8,937	38,307		38,307	209,280	
16	Cincinnati Northern Railroad			9,754	7,940	353	8,293	135,008	1,750
17	Cleveland, Cincinnati, Chicago & St. Louis Railway		136	5,767	15,234	469	15,693	149,246	1,303
18	Detroit, Bay City & Western Railroad	148	551	16,203				236,730	5,331
19	Detroit & Mackinac Railway		820	52,374	87,069	4,581	91,670	732,780	37,955
20	Detroit Terminal Railroad				297,450		297,450	4,580	4,580
21	Detroit, Toledo & Ironton Railroad		49	1,935	14,030		14,030	57,817	741
22	Detroit & Toledo Shore Line Railroad				178,846		178,846	413,259	1,750
23	Grand Rapids & Indiana Railway	16	861	91,415	380,335	25,575	405,910	2,292,781	82,471

TABLE NO. 11.—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

		Car miles.						
No.	Operating railroad.	Freight train.				Passenger train.		
		Loaded. Item 51.	Empty. Item 52.	Sum of loaded and empty. Item 53.	Caboose. Item 54.	Total. Item 55.	Passenger. Item 56.	Sleeping parlor and observation. Item 57.
Upper Peninsula—Classes I and II.								
1	Chicago, Milwaukee & St. Paul Railway.....	6,319,544	5,271,832	11,591,376	310,636	11,902,012	363,617	155,225
2	Chicago & North Western Railway.....	14,200,764	9,444,904	23,645,668	629,549	24,275,217	936,503	321,414
3	Copper Range Railroad.....	1,171,556	914,026	2,085,582	116,325	2,201,907	415,101	45,509
4	Duluth, South Shore & Atlantic Railway.....	11,187,686	4,179,253	15,366,939	765,403	16,132,342	1,647,328	844,540
5	Escanaba & Lake Superior Railroad.....	315,829	279,087	594,916	31,298	626,214		
6	Lake Superior & Ishpeming Railway.....	1,146,860	1,027,038	2,173,898	46,684	2,220,582	22,482	
7	Manistique & Lake Superior Railway.....	589,806	450,701	1,040,507	56,357	1,096,864		
8	Mineral Range Railroad.....	1,444,335	1,149,336	2,593,671	124,586	2,718,257	79,296	24,371
9	Minneapolis, St. Paul & Sault Ste. Marie Railway.....	9,162,844	3,348,081	12,510,925	496,030	13,007,555	496,473	168,071
10	Munising, Marquette & Southeastern Railway.....	1,113,125	813,921	1,927,046	70,563	1,997,609	73,469	
11	Ontonagon Railroad.....							
	Total, Upper Peninsula, Classes I and II.....	46,652,349	26,878,179	73,530,528	2,648,031	76,178,559	4,034,269	1,559,130
Lower Peninsula, Classes I and II.								
13	Ann Arbor Railroad.....	12,649,187	4,247,746	16,896,933	488,424	17,385,357	1,104,544	156,053
14	Boyer City, Gaylord & Alpena Railroad.....	502,750	402,040	904,790	48,220	953,010	68,300	
15	Chicago, Kalamazoo & Saginaw Railway.....	122,861	42,165	165,026	23,295	188,321	66,240	14
16	Cincinnati Northern Railroad.....	2,043,338	829,197	2,872,535	68,832	2,941,367	87,565	416
17	Cleveland, Cincinnati, Chicago & St. Louis Railway.....	1,944,574	720,412	2,664,986	86,346	2,751,332	78,434	16,163
18	Detroit, Bay City & Western Railroad.....	473,863	219,828	693,691	73,471	767,162	271,759	
19	Detroit & Mackinac Railway.....	3,274,036	2,284,539	5,558,575	188,263	5,726,838	555,804	10,738
20	Detroit Terminal Railroad.....							
21	Detroit, Toledo & Ironton Railroad.....	434,472	243,063	677,565	21,682	699,247	16,001	
22	Detroit & Toledo Shore Line Railroad.....	5,264,918	2,857,988	8,122,906	232,032	8,354,938		
23	Grand Rapids & Indiana Railway.....	13,626,859	7,020,827	20,647,686	874,818	21,522,504	2,115,207	981,146

MICHIGAN PUBLIC UTILITIES COMMISSION

[illegible]

TABLE NO. 11—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

No.		Operating railroad.	Car miles.						
			Passenger train.			Mixed train			
			Dining. Item 58.	Other. Item 59.	Total. Item 60.	Freight loaded. Item 61.	Freight empty. Item 62.	Caboose. Item 63.	Passenger. Item 64.
Upper Peninsula—Classes I and II.									
1	2	Chicago, Milwaukee & St. Paul Railway	45,335	249,046	813,223	140,036	80,993	585	121,977
3	3	Chicago & North Western Railway	45,998	801,656	2,105,571	320,809	201,931	6,461	93,883
4	4	Copper Range Railroad		146,662	607,272	111,505	78,639	22,751	56,107
5	5	Duluth, South Shore & Atlantic Railway	152,070	821,803	3,405,741	83,224	52,982		29,892
6	6	Escanaba & Lake Superior Railroad				234,250	139,470		97,328
7	7	Lake Superior & Ishpeming Railway			22,482				
8	8	Manistique & Lake Superior Railway				62,345	26,381		46,324
9	9	Mineral Range Railroad	15	23,962	127,644	227,961	111,967		27,398
10	10	Minneapolis, St. Paul & Sault Ste. Marie Railway	75,267	382,273	1,122,084	304,786	219,235		38,474
11	11	Munising, Marquette & Southeastern Railway			73,469	530,842	294,832		197,417
		Ontonagon Railroad				50,011	50,266		
		Total, Upper Peninsula—Classes I and II	318,685	2,425,402	8,337,486	2,065,769	1,256,696	29,797	708,790
Lower Peninsula—Classes I and II.									
13	13	Ann Arbor Railroad		493,700	1,754,297				
14	14	Bozette City, Gaylord and Alpena Railroad			68,300	88,720	70,940		8,580
15	15	Chicago, Kalamazoo & Saginaw Railway		57,599	123,853	12,389	4,672	2,880	2,970
16	16	Cincinnati Northern Railroad	24	42,779	130,784				
17	17	Cleveland, Cincinnati, Chicago & St. Louis Railway	121	39,657	134,375				
18	18	Detroit, Bay City & Western Railroad			271,759				
19	19	Detroit & Mackinac Railway		540,128	1,186,670	490,428	299,250		166,453
20	20	Detroit Terminal Railroad							
21	21	Detroit, Toledo & Ironton Railroad							
22	22	Detroit & Toledo Shore Line Railroad		13,078	29,079	896	549	436	20
23	23	Grand Rapids & Indiana Railway	95,894	1,124,198	4,316,445	91,433	48,046	6,807	79,251

[illegible]

TABLE NO. 11—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

No.		Operating railroad.	Car-miles.								
			Mixed train.				Special train.				
			Sleeping parlor and observation. Item 65.	Dining. Item 66.	Other passenger train. Item 67.	Total. Item 68.		Freight loaded. Item 69.	Freight empty. Item 70.	Caboose. Item 71.	
Upper Peninsula—Classes I and II											
1		Chicago Milwaukee & St. Paul Railway	38				359,055	5,692			302
2		Chicago & North Western Railway			15,426		628,256	12,580			371
3		Copper Range Railroad			5,172		269,002				
4		Duluth, South Shore & Atlantic Railway					166,098	9,531			770
5		Escanaba & Lake Superior Railroad					471,048				
6		Lake Superior & Ishpeming Railway									
7		Manistique & Lake Superior Railway					135,050				
8		Mineral Range Railroad					367,316	573	9		88
9		Minneapolis, St. Paul & Sault Ste. Marie Railway			157		562,652	66			5
10		Munising, Marquette & Southeastern Railway					1,023,691				
11		Ontonagon Railroad					100,277				
Total, Upper Peninsula, Classes I and II			38		20,755		4,081,845	28,442	9		1,536
Lower Peninsula, Classes I and II.											
13		Ann Arbor Railroad									
14		Bayne City, Gaylord & Alpena Railroad					168,240	3,372			
15		Chicago, Kalamazoo & Saginaw Railway					22,911				
16		Cincinnati Northern Railroad									
17		Cleveland, Cincinnati, Chicago & St. Louis Railroad						1,466	4		136
18		Detroit, Bay City & Western Railroad									
19		Detroit & Mackinac Railway					956,131	625	25		237
20		Detroit Terminal Railroad						3,649	649		794
21		Detroit, Toledo & Ironton Railroad					1,901	141			
22		Detroit & Toledo Shore Line Railroad									
23		Grand Rapids & Indiana Railway	400				225,937	6,356			722

MICHIGAN PUBLIC UTILITIES COMMISSION

131

[illegible]

TABLE NO. 11.—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

		Car-miles.					Total trans- portation service. Item 77.	Work service. Item 78.
No.	Operating railroad.	Special train.				Total. Item 76.		
		Passenger. Item 72.	Sleeping parlor and observation. Item 73.	Dining. Item 74.	Other passenger train. Item 75.			
Upper Peninsula—Classes I and II.								
1	Chicago, Milwaukee & St. Paul Railway	55	3,003	431	527	10,010	13,064,300	144,397
2	Chicago & North Western Railway	4,070				17,021	27,026,065	252,633
3	Copper Range Railroad						3,078,181	27,863
4	Duluth, South Shore & Atlantic Railway	5,189	3,051	476	1,368	20,385	19,784,566	96,838
5	Escanaba & Lake Superior Railroad						1,097,262	52,930
6	Lake Superior & Ishpeming Railway	248				248	2,243,312	8,920
7	Manistique & Lake Superior Railway						1,231,914	23,451
8	Mineral Range Railroad	308	98		16	1,092	3,214,309	19,903
9	Minneapolis, St. Paul & Sault Ste. Marie Railway	2	13			86	14,693,377	7,163
10	Munising, Marquette & Southeastern Railway	3,481				3,481	3,097,650	44,842
11	Ontonagon Railroad							
Total, Upper Peninsula—Classes I and II		13,353	6,165	907	1,911	52,323	88,470,936	678,940
Lower Peninsula—Classes I and II.								
13	Ann Arbor Railroad	2,383				5,755	19,145,409	64,232
14	Boysie City, Gaylord & Alpena Railroad						1,189,530	114,000
15	Chicago, Kalamazoo & Saginaw Railway						335,085	12,146
16	Cincinnati Northern Railroad						3,072,151	16,404
17	Cleveland, Cincinnati, Chicago & St. Louis Railroad	218				1,824	2,887,531	16,404
18	Detroit, Bay City & Western Railroad	179	58			1,124	1,040,045	21,815
19	Detroit & Mackinac Railway	26				6,118	7,874,767	613,543
20	Detroit Terminal Railroad							
21	Detroit, Toledo & Ironton Railroad		120			261	730,488	2,550
22	Detroit & Toledo Shore Line Railroad						8,354,938	1,215
23	Grand Rapids & Indiana Railway	1,406	209			8,753	26,073,369	124,158

Grand Trunk Railway System:									
24	Chicago, Detroit & Canada G. T. Jct. Railroad.	760				4,240	5,343	5,666,384	9,187
25	Cincinnati, Saginaw & Mackinaw Railroad.	390				741	1,184	1,096,902	48,635
26	Detroit, Grand Haven & Milwaukee Railway.	308				1,760	2,908	13,899,985	298,903
27	Detroit & Huron Railway.							32,590	1,066
28	Grand Trunk Western Railway.	1,795				1,463	5,370	70,147,490	631,223
29	Michigan Air Line Railway.							1,398,736	39,120
30	Pontiac, Oxford & Northern Railroad.							1,159,628	34,658
31	Toledo, Saginaw & Muskegon Railway.					1,441	1,707	1,245,409	33,338
32	Manistee & Northeastern Railroad.	840						2,610,186	40,434
33	Michigan Central Railroad.						1,200	212,502,421	1,301,318
34	New York Central Railroad.	306				42	42,315	60,017,526	160,972
35	Pere Marquette Railway.	16,532					17,873	128,772,692	736,753
36	Port Huron Southern Railroad.						58,611		
37	Wabash Railway.		37				264	22,193,898	28,604
Total, Lower Peninsula—Classes I and II.		25,143	484			9,687	159,610	591,442,148	4,234,274
Total, Classes I and II.		38,496	6,649	907		11,598	211,933	679,913,084	4,913,214
Total, Class III.								2,564,458	2,184
Grand total, all classes.		38,496	6,649	907		11,598	211,933	682,477,542	4,915,398

24	Grand Trunk Railway System:	3,240,202	91,590	3,331,792	132,423,877	4,507,112	136,930,989	159,338	5,966,298
25	Chicago, Detroit & Canada G. T. Jet. Railroad	282,537	35,750	318,277	10,892,353	1,705,285	12,597,648	80,569	1,971,570
26	Cincinnati, Saginaw & Mackinaw Railroad	3,205,581	319,629	3,525,210	199,498,813	15,965,395	215,464,208	521,027	18,250,214
27	Detroit, Grand Haven & Milwaukee Railroad	7,388	707	8,065	139,029	13,199	152,228	6,851	102,280
28	Detroit & Huron Railway	5,831,220		5,831,220	845,275,414		845,275,414	976,666	62,206,223
29	Grand Trunk Western Railway	377,650		399,594	16,059,207		16,933,947	83,012	1,725,961
30	Michigan Air Line Railway	214,985		227,585	8,152,239		8,869,932	137,685	3,811,237
31	Pontiac, Oxford & Northern Railroad	107,446		212,276	11,324,363		12,137,268	57,521	1,280,568
32	Toledo, Saginaw & Mackinac Railway	659,347		692,134	25,626,977		26,382,181	78,047	1,725,068
33	Manistee & Northeastern Railroad	23,224,444	32,787	24,883,519	2,918,989,871		3,031,353,928	4,808,620	360,912,631
34	Michigan Central Railroad	5,170,144	1,659,075	5,170,144	286,789,017	112,664,057	286,789,017	1,409,654	47,603,230
35	New York Central Railroad	11,358,375	not recorded	12,566,780	2,229,987,221	151,682,423	2,381,669,644	2,847,556	134,135,658
36	Pere Marquette Railway	4,943,671	1,208,405	5,203,092	361,563,072	16,589,013	378,152,065	395,187	23,524,928
37	Port Huron Southern Railroad		259,421						
	Wabash Railway								
	Total, Lower Peninsula, Classes I and II	73,002,190	4,448,034	77,450,224	8,163,428,263	374,923,187	8,538,350,450	13,847,599	760,219,448
	Total, Classes I and II	112,554,175	5,183,042	117,737,217	9,711,621,011	406,088,035	10,117,708,046	16,358,623	833,632,378
	Total, Class III	1,392,534	1,968	1,394,502	16,994,730	33,370	14,836,276	77,918	656,429
	Grand Total, All Classes	113,946,709	5,185,010	119,131,719	9,728,615,741	406,121,405	10,132,544,322	10,436,541	834,288,807

FIRST ANNUAL REPORT

TABLE NO. 11—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

No.	Operating railroad.	Freight revenue. Item 101.	Passenger revenue. Item 102.	Passenger service. train revenue. Item 103.	Operating revenue. Item 104.	Operating expenses. Item 105.	Net operating revenue. Item 106.
Upper Peninsula, Classes I and II.							
1	Chicago, Milwaukee & St. Paul Railway	\$2,059,819 06	\$152,102 17	\$211,488 07	\$2,403,179 75	\$1,986,345 40	\$416,834 35
2	Chicago & North Western Railway	5,126,538 77	490,702 22	640,534 74	6,210,384 27	3,494,343 36	2,716,040 91
3	Copper Range Railroad	893,703 55	141,680 60	107,229 34	1,144,215 84	999,916 16	144,299 68
4	Duluth, South Shore & Atlantic Railway	3,123,676 48	863,686 72	974,693 63	4,251,961 12	3,625,099 94	626,761 18
5	Escanaba & Lake Superior Railroad	289,484 03	21,202 82	24,435 04	320,413 40	357,530 73	37,117 53
6	Lake Superior & Ishpeming Railway	1,282,773 96	2,938 01	3,302 86	1,479,713 37	710,843 15	768,870 55
7	Manistique & Lake Superior Railway	144,566 91	11,989 91	13,632 41	195,048 03	187,235 67	7,792 36
8	Mineral Range Railroad	1,085,325 53	26,339 09	33,224 73	1,143,534 20	1,101,261 76	42,272 44
9	Minneapolis, St. Paul & Sault Ste. Marie Railway	1,644,054 13	212,362 07	275,442 75	1,989,489 35	1,979,563 11	9,926 24
10	Munising, Marquette & Southeastern Railway	1,726,452 29	62,488 25	76,977 32	861,048 41	626,904 51	234,143 90
11	Ontonagon Railroad	12,804 52	286 63	286 63	13,181 15	13,163 95	17 20
	Total, Upper Peninsula, Classes I and II.	\$16,389,289 23	\$1,985,778 49	\$2,421,247 52	\$20,012,669 22	\$15,062,227 74	\$4,930,441 48
Lower Peninsula, Classes I and II.							
13	Ann Arbor Railroad	\$2,380,042 33	\$556,796 20	\$692,914 42	\$3,147,513 55	\$2,772,194 78	\$375,318 77
14	Boyer City, Gaylord & Alpena Railroad	312,348 44	19,853 89	25,796 07	348,939 42	266,107 38	82,832 04
15	Chicago, Kalamazoo & Saginaw Railway	61,230 50	36,017 95	40,981 75	313,731 87	175,934 95	137,796 42
16	Cincinnati Northern Railroad	283,844 15	47,945 70	56,217 49	343,614 96	388,963 39	45,078 43
17	Cleveland, Cincinnati, Chicago & St. Louis Railroad	85,546 28	6,311 28	45,411 25	138,094 62	399,593 72	\$61,499 10
18	Detroit, Bay City & Western Railroad	197,222 87	68,623 49	93,817 67	302,441 77	346,432 11	43,990 34
19	Detroit & Mackinac Railway	1,128,352 23	325,346 77	408,892 79	1,557,033 79	1,488,457 86	68,575 93
20	Detroit Terminal Railroad				593,188 74	530,189 90	62,998 84
21	Detroit, Toledo & Ironton Railroad				126,293 60	140,420 21	14,126 61
22	Detroit & Toledo Shore Line Railroad	113,612 84	5,372 44	8,186 54	1,864,691 09	1,023,566 98	841,124 11
23	Grand Rapids & Indiana Railway	1,829,193 27			4,940,418 89	4,542,439 38	397,979 51
	Total, Lower Peninsula, Classes I and II.	3,198,947 34	1,307,083 97	1,631,248 23			

MICHIGAN PUBLIC UTILITIES COMMISSION

[illegible]

Deficit items appear in italic type.

FIRST ANNUAL REPORT

TABLE NO. 11—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

Averages per mile of road.										
No.	Operating Railroads.	Freight-train miles. Item 111.	Passenger-train miles. Item 112.	Passenger-train miles. Michigan. Item 112.	Mixed-train miles. Item 113.	Special-train miles. Item 114.	Transportation service train miles. Item 115.	Work-train miles. Item 116.	Locomotive miles transportation. Item 117.	Freight service car miles. Item 118.
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Railway.....	1,353	639	851	244	1	2,237	81	3,023	46,152
2	Chicago & North Western Railway.....	1,233	957	1,405	122	1	2,313	97	4,178	46,576
3	Copper Range Railroad.....	882	940	1,496	316		2,117	63	2,771	14,936
4	Duluth, South Shore & Atlantic Railway.....	1,621	1,549	1,815	35	5	3,269	79	4,422	33,723
5	Escanaba & Lake Superior Railroad.....	224		(a) 267	267		492	75	1,058	6,947
6	Lake Superior & Ishpeming Railway.....	1,364	325			4	1,693	539	5,906	65,224
7	Manistique & Lake Superior Railway.....	809		674	353		1,162	49	1,829	18,064
8	Mineral Range Railroad.....	1,405	380	682	269	1	2,056	89	4,396	30,307
9	Minneapolis, St. Paul & Sault Ste. Marie Railway.....	1,997	940	940	105		3,042	24	3,643	54,553
10	Munising, Marquette & Southeastern Railway.....	577	260	260	875	8	1,719	117	2,248	21,703
11	Ontonagon Railroad.....				63,827					8,080
	Total, Upper Peninsula—Classes I and II.....	1,276	869	1,204	200	2	2,247	84	3,539	36,946
Lower Peninsula—Classes I and II.										
13	Ann Arbor Railroad.....	1,653	1,397	1,433		2	3,053	95	4,018	58,865
14	Boyer City, Gaylord & Alpena Railroad.....	618	654	654	153		1,172	244	1,603	14,265
15	Chicago, Kalamazoo & Saginaw Railway.....	514	1,278	514	66		1,859		4,661	4,638
16	Cincinnati Northern Railroad.....	1,676	1,044	1,044			2,720	43	3,287	71,618
17	Cleveland, Cincinnati, Chicago & St. Louis Railroad.....	2,467	1,147	1,147		4	3,618	37	4,268	78,723
18	Detroit, Bay City & Western Railroad.....	683	1,353	1,353		4	2,039	43	2,202	7,145
19	Detroit & Mackinac Railway.....	470	694	355	349	2	1,516	99	1,919	17,077
20	Detroit Terminal Railroad.....								13,191	
21	Detroit, Toledo & Ironton Railroad.....	215	115	146	3			6	560	65,108
22	Detroit & Toledo Shore Line Railroad.....	4,057					4,057	6	7,157	144,669
23	Grand Rapids & Indiana Railway.....	1,933	1,828	2,048	111	2	3,875	192	5,347	50,552

MICHIGAN PUBLIC UTILITIES COMMISSION

24	Grand Trunk Railway System:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
----	-----------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

(a) This is mixed train miles.
(b) Includes 630 mixed train miles.

FIRST ANNUAL REPORT

TABLE NO. 11.—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

		Averages per mile of road.									
		Operating Railroad.	Passenger service car miles. Item 119.	Passenger service car miles. Item 119, Michigan.	Freight revenue. Item 120.	Passenger service train revenue. Item 121.	Passenger service train revenue. Item 121, Michigan.	Operating revenues. Item 122.	Operating expenses. Item 123.	Net operating revenues. Item 124.	
		Upper Peninsula—Classes I and II.									
1	Chicago, Milwaukee & St. Paul Railway.....	3,632	4,873	\$7,837 37	\$804 69	\$1,071 42	\$9,143 82	\$7,557 81	\$1,586 01		
2	Chicago & Northwestern Railway.....	4,323	6,348	10,034 33	1,253 74	1,840 99	12,155 77	6,839 58	5,316 19		
3	Copper Range Railroad.....	4,103	6,531	5,527 61	1,034 32	1,646 44	7,077 04	6,184 54	892 50		
4	Duluth, South Shore & Atlantic Railway.....	7,262	8,511	6,470 99	2,019 17	2,266 39	8,806 13	7,509 74	1,296 39		
5	Escazaba & Lake Superior Railroad.....	669	669	1,990 13	167 98	167 98	2,202 76	2,457 93	1,865 17		
6	Lake Superior & Ishpeming Railway.....	668	668	37,684 31	97 03	97 03	43,499 85	20,892 58	22,587 27		
7	Manistique & Lake Superior Railway.....	705	1,349	2,201 41	207 59	397 21	2,907 12	2,851 46	118 66		
8	Mineral Range Railroad.....	1,540	2,762	10,753 25	329 19	590 24	11,329 97	10,911 14	418 83		
9	Minneapolis, St. Paul & Sault Ste. Marie Railway.....	4,705	4,705	6,664 45	1,146 55	1,146 55	8,064 73	8,024 50	40 23		
10	Munising, Marquette & Southeastern Railway.....	2,109	4,705	5,584 23	591 72	.....	6,033 48	4,819 01	1,804 47	
11	Ontonagon Railroad.....	1,034	.....	.....	591 72	286 63	.....	.....	.....
Total, Upper Peninsula—Classes I and II.....		4,221	5,849	\$7,610 85	\$1,124 38	\$1,547 12	\$9,293 47	\$7,003 88	\$2,289 51		
		Lower Peninsula—Classes I and II.									
13	Ann Arbor Railroad.....	5,947	6,097	\$8,057 02	\$2,344 67	\$2,403 74	\$10,655 09	\$9,394 55	\$1,270 54		
14	Bozoye City, Gaylord & Alpena Railroad.....	1,323	1,323	4,004 47	460 64	460 64	4,473 58	3,411 63	1,061 95		
15	Chicago, Kalamazoo & Saginaw Railway.....	2,824	2,824	1,363 71	912 73	912 73	6,987 33	3,918 37	3,068 96		
16	Cincinnati Northern Railroad.....	3,184	3,184	6,911 23	1,368 82	1,368 82	8,366 57	9,464 17	1,097 60		
17	Cleveland, Cincinnati, Chicago & St. Louis Railroad.....	3,849	3,849	2,446 28	1,298 58	1,298 58	3,948 94	11,428 76	7,477 88		
18	Detroit, Bay City & Western Railroad.....	2,530	2,530	1,834 63	872 72	872 72	2,813 41	3,222 62	409 21		
19	Detroit & Mackinac Railway.....	3,543	3,801	2,954 57	1,070 80	1,148 57	4,077 07	3,897 51	179 56		
20	Detroit Terminal Railroad.....	.....	.....	.....	.....	.....	26,306 49	23,511 75	2,793 74
21	Detroit, Toledo & Irontrout Railroad.....	2,834	360	1,101 96	79 43	100 74	1,224 96	1,361 01	137 01		
22	Detroit & Toledo Shore Line Railroad.....	.....	.....	31,343 27	.....	.....	31,951 54	17,538 84	14,412 70
23	Grand Rapids & Indiana Railway.....	10,256	10,833	7,460 58	3,804 39	4,018 15	11,522 06	10,593 89	928 17		

Grand Trunk Railway System:									
24	Chicago, Detroit & Canada G. T. Jet. Railroad.....	9,096	25,042 12	3,027 30	31,863 70	22,407 01	9,456 69		
25	Cincinnati, Saginaw & Mackinaw Railroad.....	2,710	2,565 83	908 44	3,681 87	6,437 61	2,775 74		
26	Detroit, Grand Haven & Milwaukee Railroad.....	8,720	12,155 80	2,957 27	17,008 89	17,640 84	2,631 95		
27	Detroit & Huron Railway.....	632	280 82	297 76	599 93	2,020 80	1,480 87		
(b)									
28	Grand Trunk Western Railway.....	24,244	27,598 12	7,510 76	35,725 04	25,400 78	10,324 26		
29	Michigan Air Line Railway.....	2,627	2,352 80	566 11	3,018 46	4,785 06	1,766 60		
30	Pontiac, Oxford & Northern Railroad.....	3,994	1,855 86	1,178 72	3,388 79	4,676 72	1,867 83		
31	Toledo, Saginaw & Muskegon Railway.....	2,025	1,434 98	463 22	2,029 37	3,684 51	1,666 14		
32	Manistee & Northeastern Railroad.....	1,622	2,235 43	340 70	2,893 77	2,585 56	308 21		
33	Michigan Central Railroad.....	25,076	20,914 31	10,690 28	32,746 72	25,975 98	6,770 74		
34	New York Central Railroad.....	12,051	5,553 28	2,424 39	8,371 92	13,019 99	4,648 07		
35	Pere Marquette Railway.....	7,074	9,917 31	2,534 68	12,934 74	10,415 49	2,519 25		
36	Port Huron Southern Railroad.....	6,586		2,722 50					
37	Wabash Railway.....	30,122	24,556 32	9,290 39	33,244 96	28,362 03	4,882 90		
Total, Lower Peninsula—Classes I and II.....		10,959	\$11,060 70	\$3,992 60	\$15,861 49	\$13,575 70	\$2,285 79		
Total—Classes I and II.....		9,266	\$10,194 23	\$ 3,272 22	\$14,211 86	\$11,925 12	\$2,286 74		

(b) Includes 630 mixed train miles.
Reverse items appear in *italic type*.

TABLE NO. 11.—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

No.	Operating Railroad.	Averages per mile of road.				Averages per train-mile.				
		Ton-miles revenue freight. Item 125.	Ton-miles all freight. Item 126.	Passenger revenue. Item 127.	Passenger miles- revenue passenger service. Item 127, Michigan.	Loaded freight car miles.		Empty freight car miles.		
						Freight trains. Item 131.	Mixed trains. Item 132.	Freight trains. Item 133.	Mixed trains. Item 134.	
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Railway.....	980,541	996,323	21,872	29,123	17.77	2.19	14.83	1.27	614.23
2	Chicago & North Western Railway.....	275,026	277,095	34,193	54,886	22.54	5.13	14.99	3.23	754.30
3	Copper Range Railroad.....	621,928	639,326	62,521	73,272	8.41	2.18	6.56	1.54	233.60
4	Duluth, South Shore & Atlantic Railway.....	143,455	147,770	4,851	73,272	14.30	4.92	5.34	3.13	375.57
5	Escanaba & Lake Superior Railroad.....	1,490,254	1,490,254	3,707	4,851	9.68	6.03	8.55	3.59	291.80
6	Lake Superior & Ishpeming Railway.....	277,465	277,465	6,186	3,707	24.70	2.69	22.12	1.14	1,092.48
7	Manistique & Lake Superior Railway.....	593,304	599,307	9,886	11,837	10.19	8.39	8.11	4.12	238.75
8	Mineral Range Railroad.....	906,767	Not compiled	33,831	17,725	18.60	11.74	6.80	8.47	354.35
9	Minneapolis, St. Paul & Sault Ste. Marie Railway.....	378,968	378,968	17,438	33,831	14.84	4.67	10.85	2.59	431.32
10	Munising, Marquette & Southeastern Railway.....				9,248					415.01
11	Ontonagon Railroad.....									
Total, Upper Peninsula, Classes I and II.....		718,949	733,241	34,091	47,243	16.97	4.78	9.78	2.91	486.79
Lower Peninsula, Classes I and II.										
13	Ann Arbor Railroad.....	1,168,270	1,271,809	77,889	80,101	25.90		8.70		706.57
14	Boyer City, Gaylord & Alpena Railroad.....	162,348	162,348	11,943	11,943	10.43	10.34	8.34	8.27	222.94
15	Chicago, Kalamazoo & Saginaw Railway.....	52,228	52,286	28,184	28,184	5.31	4.17	1.82	1.57	89.97
16	Cincinnati Northern Railroad.....	1,024,971	1,050,104	46,734	46,734	29.69		12.05		611.57
17	Cleveland, Cincinnati, Chicago & St. Louis Railroad.....	362,644	369,506	7,442	7,442	22.54		8.35		146.99
18	Detroit, Bay City & Western Railroad.....	83,980	86,083	28,926	28,926	6.46		3.00		123.03
19	Detroit & Mackinac Railway.....	207,617	212,318	31,666	33,971	18.23	3.68	12.72	2.24	253.26
20	Detroit Terminal Railroad.....									
21	Detroit, Toledo & Ironton Railroad.....	150,877	154,513	2,214	2,809	19.56	2.56	10.94	1.57	689.51
22	Detroit & Toledo Shore Line Railroad.....	4,389,826	4,390,603			22.48		12.20		1,063.83
23	Grand Rapids & Indiana Railway.....	797,732	887,804	126,807	133,933	16.44	1.92	8.47	1.01	39.01

Ton-miles
revenue
freight,
Item 135.

Empty freight car miles.

Freight
trains,
Item 133.

Mixed
trains,
Item 132.

Freight
trains,
Item 131.

Passenger
miles
revenue,
Item 127.

Passenger
revenue
passenger
service,
Item 127,
Michigan.

Ton-miles
all
freight,
Item 126.

Ton-miles
freight,
Item 125.

Operating Railroad.

Upper Peninsula—Classes I and II.

Lower Peninsula, Classes I and II.

Total, Upper Peninsula, Classes I and II.

Total, Lower Peninsula, Classes I and II.

Total, Michigan.

24	Grand Trunk Railway System:	2,109,668	2,181,472	95,050	95,050	19.81		7.63		739.35
25	Chicago, Detroit & Canada G. T. Jct. Railroad	154,555	178,868	27,993	27,993	8.90		3.26		158.10
26	Cincinnati, Saginaw & Mackinaw Railroad	1,017,995	1,099,139	93,099	93,099	15.66		4.87		352.34
27	Detroit, Grand Haven & Milwaukee Railroad	7,479	8,189	5,502	5,502	1.83	1.35	1.17	.29	11.47
28	Detroit & Huron Railroad	3,536,273		260,244	260,244	24.91	2.32	13.15	.25	505.58
29	Grand Trunk Western Railroad	152,076	160,359	16,344	16,344	11.20		3.11		219.20
30	Michigan Air Line Railroad	81,044	88,179	37,889	37,889	6.72		2.67		111.77
31	Pontiac, Oxford & Northern Railroad	100,930	108,176	11,235	11,235	6.68		2.22		110.19
32	Toledo, Saginaw & Muskegon Railroad	135,006	138,985	9,497	9,497	7.75	1.87	6.64	.90	151.92
33	Manistee & Northeastern Railroad	2,325,501	2,415,267	287,561	286,027	29.88	5.83	12.44	1.34	680.61
34	Michigan Central Railroad	1,492,308	1,534,069	82,503	82,503	32.04	3.51	16.99	1.61	254.73
35	New York Central Railroad	1,249,125		75,136	80,703	26.19	3.94	9.53	1.89	669.68
36	Pere Marquette Railroad									
37	Port Huron Southern Railroad	3,423,893	3,580,986	292,599	292,599	33.54		11.77		847.19
	Wabash Railroad									
	Total, Lower Peninsula, Classes I and II	1,271,478	1,329,874	118,406	125,839	25.71	4.84	11.03	1.62	594.43
	Total, Classes I and II	1,132,705	1,180,068	97,229	109,758	24.25	4.82	10.82	2.08	550.43

TABLE NO. 11.—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

No.		Operating railroad.	Averages per train-mile.							
			Passenger train car-miles.		Revenue Passenger, miles. Item 139.	Freight revenue. Item 140.	Passenger service train revenue. Item 141.	Operating revenues. Item 142.	Operating expenses. Item 143.	Net operating revenues. Item 144.
			Top-miles all freight. Item 136.	Passenger trains. Item 137.							Mixed trains. Item 138.
Upper Peninsula, Classes I and II.										
1	Chicago, Milwaukee & St. Paul Railway	624.12	4.84	2.15	24.78	\$4.91	\$0.91	\$4.09	\$3.38	\$0.71
2	Chicago & North Western Railway	778.92	4.31	1.58	34.62	7.40	1.16	5.25	2.95	2.30
3	Copper Range Railroad	235.26	4.00	1.10	27.24	4.70	0.82	3.34	2.92	0.42
4	Duluth, South Shore & Atlantic Railway	386.08	4.64	1.77	39.48	3.91	1.28	2.74	2.34	0.41
5	Escanaba & Lake Superior Railroad	300.58		2.50	18.15	4.05	0.63	4.48	3.00	1.48
6	Lake Superior & Ishpeming Railway	1,092.48	2.03		11.40	27.63	30	25.67	12.33	13.34
7	Manistique & Lake Superior Railway	238.75		2.00	17.54	1.89	59	2.55	2.45	0.10
8	Mineral Range Railroad	357.93	3.33	1.01	15.22	6.42	51	5.51	5.31	0.20
9	Minneapolis, St. Paul & Sault Ste. Marie Railway	not compiled	4.84	1.45	32.37	3.17	1.07	2.65	2.64	0.01
10	Munising, Marquette & Southeastern Railway	415.01	2.17	1.74	15.37	6.12	52	3.85	2.80	1.05
11	Ontonagon Railroad									
		496.59	4.45	1.69	31.81	\$5.15	\$1.05	\$3.96	\$2.98	\$0.98
Lower Peninsula, Classes I and II.										
13	Ann Arbor Railroad	769.19			55.97	\$4.87	\$1.68	\$3.49	\$3.07	\$0.42
14	Boyer City, Gaylord & Alpena Railroad	222.94	1.87	1.00	14.78	5.50	5.71	3.74	2.85	0.89
15	Chicago, Kalamazoo & Saginaw Railway	90.06	2.16	1.00	20.96	2.23	0.67	3.76	2.11	1.65
16	Cincinnati Northern Railroad	626.57	3.05		44.76	4.12	1.31	3.08	3.48	0.40
17	Cleveland, Cincinnati, Chicago & St. Louis Railroad	149.77	3.35		6.49	9.99	1.13	1.09	3.16	2.07
18	Detroit, Bay City & Western Railroad	126.11	1.87		21.39	2.69	65	1.38	1.58	0.20
19	Detroit & Mackinac Railway	258.99	4.48	1.25	30.34	3.60	1.03	2.69	2.57	0.12
20	Detroit Terminal Railroad									
21	Detroit, Toledo & Ironton Railroad	706.13	2.45	.06	18.72	5.04	67	3.67	4.08	11
22	Detroit & Toledo Shore Line Railroad	1,093.83				7.81	7.96	4.97	4.97	3.59
23	Grand Rapids & Indiana Railroad	42.93	5.51	1.67	65.38	3.65	1.96	2.97	2.74	0.23

24	Grand Trunk Railway System:	764.52	4.80	.....	50.61	8.78	1.61	6.73	4.73	2.00
25	Chicago, Detroit & Canada G. T. Jet. Railroad.....	182.85	2.78	.....	28.91	2.62	1.94	1.88	3.31	1.43
26	Cincinnati, Saginaw & Mackinaw Railroad.....	380.53	5.30	.....	56.70	4.21	1.80	3.75	3.80	1.14
27	Detroit, Grand Haven & Milwaukee Railroad.....	12.56	1.50	1.00	8.71	4.43	47	92	3.09	2.17
	Detroit & Huron Railway.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
28	Grand Trunk Western Railway.....	.....	7.18	1.76	75.23	3.94	2.17	3.45	2.45	1.00
29	Michigan Air Line Railway.....	231.14	2.48	.....	15.43	3.39	53	1.72	2.73	1.01
30	Pontiac, Oford & Northern Railroad.....	121.61	3.17	.....	30.13	2.56	93	1.71	2.35	1.64
31	Toledo, Saginaw & Muskegon Railway.....	118.10	3.35	.....	18.70	1.57	78	1.33	2.42	1.09
32	Manistee & Northeastern Railroad.....	156.40	2.27	1.59	12.60	2.52	4.52	1.96	1.75	21
33	Michigan Central Railroad.....	686.11	7.93	2.59	86.64	5.94	3.13	4.95	3.93	1.02
34	New York Central Railroad.....	.....	7.62	1.55	49.02	2.87	1.44	2.41	3.75	1.34
35	Pere Marquette Railway.....	715.24	5.28	1.53	57.16	5.32	1.93	4.19	3.37	1.82
36	Port Huron Southern Railroad.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
37	Wabash Railway.....	886.07	6.10	.....	59.22	6.08	1.88	4.26	3.63	63
	Total, Lower Peninsula, Classes I and II.....	550.35	6.33	1.87	65.20	\$4.91	\$2.19	\$4.01	\$3.44	\$0.57
	Classes I and II.....	573.45	6.06	1.80	59.71	\$4.95	\$2.01	\$4.00	\$3.36	\$0.64

Reverse items appear in italic type.

TABLE NO. 11.—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN.—Continued.

		Averages per locomotive mile.							
		Train miles— freight trains. Item 151.	Car-miles— freight trains. Item 152.	Train miles— passenger trains. Item 153.	Car-miles— passenger trains. Item 154.	Train miles— mixed trains. Item 155.	Car-miles— mixed trains. Item 156.	Train miles— special trains. Item 157.	Car-miles— special trains. Item 158.
Operating railroads.									
Upper Peninsula, Classes I and II.									
1	Chicago, Milwaukee & St. Paul Railway	96	32 26	85	4 13	86	4 83	1 00	33 15
2	Chicago & North Western Railway	96	37 01	99	4 27	1 00	10 03	1 00	45 88
3	Copper Range Railroad	1 00	15 77	97	3 88	1 00	5 27		
4	Duluth, South Shore & Atlantic Railway	87	17 97	97	4 48	98	9 61	82	7 39
5	Escanaba & Lake Superior Railroad	1 00	19 18			1 00	12 12		
6	Lake Superior & Ishpeming Railway	1 00	47 82	1 00	2 03			1 00	1 86
7	Manistique & Lake Superior Railway	1 00	20 63			1 00	5 83		
8	Mineral Range Railroad	88	16 88	94	3 14	83	11 17	65	5 97
9	Minneapolis, St. Paul & Sault Ste. Marie Railway	1 02	26 92	1 00	4 86	88	29 09	1 00	21 50
10	Munising, Marquette & Southeastern Railway	1 00	26 63	1 00	1 17	1 00	8 99	1 00	3 16
11	Ontonagon Railroad								
Total, Upper Peninsula, Classes I and II.		94	26 14	96	4 28	97	9 20	88	10 77
Lower Peninsula, Classes I and II.									
13	Ann Arbor Railroad.	96	34 13	55	3 72			4 17	34 46
14	Boyer City, Gaylord & Alpena Railroad.	1 00	19 76	1 07	2 00	1 00	19 61		
15	Chicago, Kalamazoo & Saginaw Railway	99	8 12	1 00	2 16	1 00	7 71		
16	Cincinnati Northern Railroad.	93	39 81	1 00	3 04				
17	Cleveland, Cincinnati, Chicago & St. Louis Railroad.	99	31 55	99	3 32			1 00	13 42
18	Detroit, Bay City & Western Railroad	99	10 34	1 00	1 86				
19	Detroit & Mackinac Railway	99	31 56	99	4 41	97	6 95	73	2 04
20	Detroit Terminal Railroad.							1 00	6 24
21	Detroit, Toledo & Ironton Railroad.								
22	Detroit & Toledo Shore Line Railroad	75	23 77	99	2 42	91	4 96	1 00	5 30
23	Grand Rapids & Indiana Railway.	1 00	35 64	96					
		89	23 08		5 31	97	4 58	98	10 17

FIRST ANNUAL REPORT

TABLE NO. 11—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Continued.

No.	Operating railroad.	Averages per loaded freight car-mile.			Averages per car-mile, Passenger.		Miscellaneous averages.		
		Ton-miles.		freight revenue, Item 163.	Passenger miles-revenue, Item 171.	Passenger revenue, Item 172.	Miles hauled.		Non-revenue freight, Item 182.
		Revenue freight, Item 161.	All freight, Item 162.				Revenue freight, Item 181.		
Upper Peninsula, Classes I and II.									
1	Chicago, Milwaukee & St. Paul Railway	39 90	40 54	\$0 13887	8 97	\$0 23734	74 67	40 34	
2	Chicago & North Western Railway	35 97	37 15	35303	14 13	36300	33 39	48 45	
3	Copper Range Railroad	34 66	34 91	69654	10 70	27419	16 89	13 82	
4	Duluth, South Shore & Atlantic Railway	26 64	27 38	27613	11 97	34249	78 54	46 95	
5	Escanaba & Lake Superior Railroad	37 93	39 07	52925	7 25	21784	33 81	27 85	
6	Lake Superior & Ishpeming Railway	44 23	44 23	1 11851	5 61	13066	16 56		
7	Manistique & Lake Superior Railway	27 94	27 94	22167	8 77	25882	36 85		
8	Mineral Range Railroad	35 81	36 17	64900	7 61	26091	11 60	11 15	
9	Minneapolis, St. Paul & Sault Ste. Marie Railway	23 63	not compiled	17366	11 87	30207	75 00	not compiled	
10	Munising, Marquette & Southeastern Railway	29 94	29 94	44189	8 38	23068	30 41		
11	Ontonagon Railroad								
Total, Upper Peninsula, Classes I and II.		31 77	32 41	\$0 33641	11 64	\$0 31509	39 14	42 40	
Lower Peninsula, Classes I and II.									
13	Ann Arbor Railroad	27 28	29 70	\$0 18816	18 33	\$0 44169	146 68	117 11	
14	Boyer City, Gaylord & Alpena Railroad	21 07	21 07	52809	8 68	25838	30 93		
15	Chicago, Kalamazoo & Saginaw Railway	17 34	17 36	45273	18 28	52030	27 84	21 92	
16	Cincinnati Northern Railroad	20 60	21 11	13891	21 82	54496	33 98	17 96	
17	Cleveland, Cincinnati, Chicago & St. Louis Railroad	6 52	6 64	94399	2 75	96672	29 02	24 89	
18	Detroit, Bay City & Western Railroad	19 05	19 53	41620	11 44	26252	38 77	40 52	
19	Detroit & Mackinac Railway	21 06	21 54	26974	14 88		74 66	62 88	
20	Detroit Terminal Railroad								
21	Detroit, Toledo & Ironton Railroad	35 73	36 59	26096	14 25	33533	111 68	62 26	
22	Detroit & Toledo Shore Line Railroad	48 66	48 67	34743			53 47	4 14	
23	Grand Rapids & Indiana Railway	24 93	27 44	23116	17 12	41155	96 57	83 39	

24	Grand Trunk Railway System:	37.31	38.58	44291	19.31	48928	40.87	49.21
25	Chicago, Detroit & Canada G. T. Int. Railroad	17.77	20.55	39481	15.41	38573	35.55	47.70
26	Cleveland, Saginaw & Muskegon Railroad	22.50	24.30	38570	21.51	39841	62.32	40.95
27	Detroit, Grand Haven & Milwaukee Railway	8.42	9.22	31819	8.75	25512	18.32	18.67
28	Detroit & Huron Railway							
29	Grand Trunk Western Railway	20.60		16087	18.55	43708	144.06	
30	Michigan Air Line Railway	19.57	20.63	30972	13.07	34342	42.32	30.86
31	Pontiac, Oxford & Northern Railroad	18.62	18.00	38067	23.97	56989	37.92	58.96
32	Toledo, Saginaw & Muskegon Railway	10.49	17.07	23440	13.79	34554	57.35	54.82
33	Manistee & Northwestern Railroad	22.21	22.86	36774	5.87	18542	38.87	23.03
34	Michigan Central Railroad	23.25	24.25	30690	20.80	55580	125.97	67.91
35	New York Central R. R.	8.45		01826	11.72	25239	55.44	
36	Pere Marquette Railway	26.74	28.56	21232	18.79	47506	196.35	125.52
37	Port Huron Southern Railroad							
	Wabash Railway	25.26	26.42	18115	14.22	30227	73.14	63.95
	Total, Lower Peninsula, Classes I and II.	22.97	24.03	\$0 19084	18.36	\$0 47139	111.82	84.28
	Classes I and II.	24.03	25.04	\$0 21631	17.48	\$0 45074	86.23	78.35

TABLE NO. 11—STATISTICS OF RAIL LINE OPERATIONS WITHIN THE STATE OF MICHIGAN—Concluded.

No.		Operating railroads.	Miscellaneous averages.						
			Miles hauled as freight. Item 183.	Miles carried—passengers. Item 184.	Revenue per ton of freight. Item 185.	Revenue per ton-mile of freight. Item 186.	Revenue per passenger-mile. Item 187.	Revenue per passenger-mile. Item 188.	Operating ratio % of Item 188.
		Upper Peninsula, Classes I and II.							
1		Chicago, Milwaukee & St. Paul Railway.	73 67	31 08	\$0 59381	\$0 00799	\$0 82236	\$0 02846	82 65
2		Chicago & North Western Railway.	33 72	20 78	327655	00081	76514	02570	56 27
3		Copper Range Railroad.	16 86	11 56	33945	02010	29628	02583	87 39
4		Duluth, South Shore & Atlantic Railway.	77 12	42 58	81712	01040	1 21882	02862	85 28
5		Escanaba & Lake Superior Railroad.	33 60	33 33	46906	01387	1 00160	03004	111 58
6		Lake Superior & Ishpeming Railway.	16 56	12 96	41884	02529	30174	02328	48 04
7		Manistique & Lake Superior Railway.	36 85	24 61	29237	00783	72631	02851	96 01
8		Mineral Range Railroad.	11 60	8 28	21024	01812	21861	02840	96 30
9		Minneapolis, St. Paul & Sault Ste. Marie Railway.	Not compiled	44 01	55125	00735	1 11978	02544	99 50
10		Munising, Marquette & Southeastern Railway.	30 41	16 30	44816	01474	27545	01755	72 76
11		Ontonagon Railroad.							99 87
		Total, Upper Peninsula, Classes I and II.	39 20	29 23	\$0 41437	\$0 0105	\$0 79082	\$0 02704	75 36
		Lower Peninsula, Classes I and II.							
13		Ann Arbor Railroad.	143 72	44 30	\$1 01157	\$0 00690	\$1 06755	\$0 02410	88 98
14		Boyne City, Gaylord & Alpena Railroad.	30 93	16 86	76280	02467	50123	02973	76 26
15		Chicago, Kalamazoo & Saginaw Railway.	27 83	15 91	72713	02611	45302	02846	56 08
16		Cincinnati Northern Railroad.	33 27	19 16	22912	00674	47852	02498	113 12
17		Cleveland, Cincinnati, Chicago & St. Louis Railroad.	28 93	19 17	19576	10675	46489	02425	289 36
18		Detroit, Bay City & Western Railroad.	38 81	23 97	84697	02185	52895	02207	114 53
19		Detroit & Mackinac Railway.	74 35	40 72	1 06250	01433	1 06556	02960	95 59
20		Detroit Terminal Railroad.							89 38
21		Detroit, Toledo & Ironton Railroad.	109 64	29 04	81571	00730	68328	02383	111 18
22		Detroit & Toledo Shore Line Railroad.	53 10	38 80	38180	00714			54 80
23		Grand Rapids & Indiana Railway.	95 20	50 02	90316	00835	1 20263	02404	91 94

24	Grand Trunk Railway System:	41	37	48512	01187	94317	02519	70	33
25	Chicago, Detroit & Canada G. T. Jct. Railroad	39	34	63963	01659	58068	02373	175	80
26	Cincinnati, Saginaw & Mackinaw Railroad	61	35	74355	01104	85728	02447	403	72
27	Detroit, Grand Haven & Milwaukee Railway	18	14	70660	03755	43514	02915	336	84
28	Detroit & Huron Railway	28	63	13088	00780	15008	02356	71	10
29	Grand Trunk Western Railway	42	18	65790	01547	45606	02458	158	53
30	Michigan Air Line Railway	38	27	86834	02290	68639	02490	138	01
31	Pontiac, Orford & Northern Railroad	57	21	81544	01422	54921	02506	181	56
32	Toledo, Saginaw & Muskegon Railway	38	22	64356	01656	62274	02817	89	45
33	Manistee & Northwestern Railroad	121	75	13094	00899	2 00574	02672	79	32
34	Michigan Central Railroad	33	77	62571	01128	84266	02495	155	09
35	New York Central Railroad	189	47	1 55874	00704	1 18574	02517	80	52
36	Pere Marquette Railway	72	59	52454	00717	1 51069	02548	85	31
37	Port Huron Southern Railroad								
38	Walsh Railway								
	Total, Lower Peninsula, Classes I and II	110	54	\$0 97277	\$0 0086	\$1 40904	\$0 02566	85	53
	Total, Classes I and II	85	50	\$0 77055	\$0 0090	\$1 31415	\$0 02578	83	90

FIRST ANNUAL REPORT

TABLE 11K—STATISTICS OF RAIL LINE OPERATIONS, CLASS III, WITHIN THE STATE OF MICHIGAN.

No.	Operating railroads.	Average mileage of road operated.		Train miles.					
		Passenger service. Item 1. Michigan.	All services. Item 1.	Freight. Item 2.	Passenger. Item 3.	Mixed. Item 4.	Special. Item 5.	Total transportation service. Item 6.	Work service. Item 7.
38	Blaney & Southern Railway.....	8 00	8 00			4,800		4,800	
39	Houghton, Chasell & Southwestern Railroad.....	7 50	11 00	6,650				6,650	
43	Wisconsin & Michigan Railway.....	24 10	24 7			11,000		11,000	
44	Wisconsin & Michigan Railroad.....					3,853		3,853	
45	Arcadia & Belsey River Railway.....	17 30	21 00			11,862		11,862	
46	Delray Connecting Railroad.....		12 91	8,533				8,533	
47	Delray Terminal Railroad.....								
48	East Jordan & Southern Railroad.....	18 60	18 60	19,240		21,104		40,344	4,000
49	Empire & South Eastern Railroad.....	10 84	11 00	600		4,576		5,176	
50	Erie & Michigan Railway & Navigation Company.....	11 00	11 00						
51	Kalamazoo, Lake Shore & Chicago Railway.....	50 51							
52	Ludington & Northern Railway.....	11 25	11 25		13,302			13,302	
53	Michigan East & West Railway.....	72 00	72 00	67	104	44,596		44,767	2,086
54	St. Clair Tunnel Co.....								
56	Wyandotte Southern Railroad.....		1 00						
57	Wyandotte Terminal Railroad.....								
	Total.....	231 20	202 46	35,090	13,406	101,791		150,287	6,086

TABLE 113.—STATISTICS OF RAIL LINE OPERATIONS, CLASS III, WITHIN THE STATE OF MICHIGAN—Continued.

		Locomotive miles.							
No.	Operating railroads.	Freight. Item 8.	Passenger. Item 9.	Mixed train. Item 10.	Special. Item 11.	Train switching. Item 12.	Yard switching. Item 13.	Total transporta- tion service. Item 14.	Work service. Item 15.
38	Blaney & Southern Railway			4,800				4,800	
39	Houghton, Chassell & Southwestern Railroad	6,650						6,650	
43	Wisconsin & Michigan Railway			11,000				11,000	
44	Wisconsin & Michigan Railroad			3,853				3,853	
45	Aradisa & Betsey River Railway			11,862				11,862	
46	Delray Connecting Railroad	9,550					173,106	182,656	
47	Delray Terminal Railroad								
48	East Jordan & Southern Railroad	19,240		21,104	7,480		10,680	58,504	4,000
49	Empire & South Eastern Railroad	600		4,576				5,176	
50	Erie & Michigan Railway & Navigation Company								
51	Kalamazoo, Lake Shore & Chicago Railway	No data	13,302				30,405	43,707	
52	Ludington & Northern Railway								
53	Michigan East & West Railway		104	44,596		4,512	20,634	69,913	2,086
54	St. Clair Tunnel Co.	67							
56	Wyandotte Southern Railroad						14,688	14,688	
57	Wyandotte Terminal Railroad								
	Total	36,107	13,406	101,791	7,480	4,512	249,513	412,809	6,086

TABLE 11-X.—STATISTICS OF RAIL LINE OPERATIONS, CLASS III, WITHIN THE STATE OF MICHIGAN—Continued.

No.	Operating railroad.	Car-miles.									
		Freight train.					Passenger train. Item 20.	Mixed train.		Special train. Item 24.	
		Loaded. Item 16.	Empty. Item 17.	Caboose. Item 18.	Total. Item 19.	Freight loaded. Item 21.		Freight empty. Item 22.	Passenger. Item 23.		
38	Blaney & Southern Railway			4 800	4 800			21 848	21 664	4 800	
39	Houghton, Chasell & Southwestern Railroad	23,500	23,500	47,000	94,000			1,110,000	490,000	22,900	
43	Wisconsin & Michigan Railway							30,061	17,745		
44	Wisconsin & Michigan Railroad							8,930	5,562	11,862	
45	Arcadia & Betsay River Railway										
46	Delray Connecting Railroad	129,808	130,479	9,485	269,772						
47	Delray Terminal Railroad										
48	East Jordan & Southern Railroad	116,240	113,240	9,360	238,840			54,632	24,661	21,104	
49	Empire & South Eastern Railroad	600			600					4,576	
50	Erie & Michigan Railway & Navigation Co.										
51	Kalamazoo, Lake Shore & Chicago Railway										
52	Ludington & Northern Railway					26,604					
53	Michigan East & West Railway					104					
54	St. Clair Tunnel Co.							91,360	30,211	44,596	
55	Wyandotte Southern Railroad										
56	Wyandotte Southern Railroad										
57	Wyandotte Terminal Railroad										
	Total	270,148	267,219	70,645	608,012	26,708		1,316,831	589,873	109,928	

TABLE NO. 11a.—STATISTICS OF RAIL LINE OPERATIONS, CLASS III, WITHIN THE STATE OF MICHIGAN—Continued.

No.	Operating railroads.	Freight revenue.	Passenger revenue.	Passenger service train revenue.	Operating revenue.	Operating expenses.	Net operating revenue.	Averages per mile of road.	
								Freight revenue.	Passenger service train revenue.
38	Blaney & Southern Railway	\$13,961 60	\$405 96	\$705 72	\$14,967 41	\$15,058 98	\$300 87	\$1,745 21	\$88 21
39	Houghton, Chaswell & Southwestern Railroad	13,235 21	72 65	72 65	13,308 90	13,952 55	645 30	1,861 55	6 82
43	Wisconsin & Michigan Railway (9 months)	18,962 86	2,812 25	3,583 02	29,339 41	34,194 88	4,855 47	1,025 58	198 12
44	Wisconsin & Michigan Railroad (3 months)	6,029 60	742 37	2,032 17	7,803 65	9,038 91	1,235 24	1,000 10	171 62
45	Arendia & Beusey River Railway	9,355 69	1,045 51	2,614 42	12,352 74	17,027 11	4,674 37	444 55	124 40
46	Delray Connecting Railroad	136,751 94			413,583 94	451,583 08	37,999 12	10,592 71	
47	Delray Terminal Railroad				28,008 90	53,457 93	25,450 83		
48	East Jordan & Southern Railroad	129,771 07	4,713 80	0,332 60	136,103 94	101,830 73	34,272 88	11,797 37	340 46
49	Empire & South Eastern Railroad	4,143 00	403 06	1,437 08	5,014 94	14,369 73	9,354 79	376 84	132 45
50	Erie & Michigan Railway & Navigation Company	24,281 80	419 83	648 58	29,352 90	44,131 07	14,778 17	480 73	58 96
51	Kalamazoo Lake Shore & Chicago Railway	75,718 50	54,995 17	69,877 94	142,973 70	136,987 78	5,986 01	6,730 54	1,244 86
52	Lansing & Northern Railway		4,668 80	5,068 53	35,433 43	34,307 62	1,125 81		445 20
53	Michigan East & West Railway			3,624 81	85,252 41	78,240 89	7,011 95	1,022 00	119 73
54	St. Clair Tunnel Co.	73,584 57	4,785 65		313,329 43	180,489 03	134,840 40		
55	Wyandotte Southern Railroad				6,651 90	23,169 12	16,517 62		
57	Wyandotte Terminal Railroad				127,756 00	163,351 96	35,595 96		
	Total	\$505,353 00	\$74,969 74	\$92,958 47	\$1,413,442 14	\$1,371,140 31	\$42,301 83	\$1,857 57	\$402 00

TABLE NO. 11—STATISTICS OF RAIL LINE OPERATIONS, CLASS III, WITHIN THE STATE OF MICHIGAN—Concluded.

No.	Operating Railroads.	Averages per mile of road.			Miscellaneous averages.				
		Operating revenue.	Operating expenses.	Net operating revenues.	Revenue per ton of freight.	Revenue per ton mile of freight.	Revenue per passenger.	Revenue per passenger-mile.	Operating ratio—per cent.
38	Blancy & Southern Railway	\$1,833.42	\$1,882.28	\$48.86	\$0.4325		\$0.2500	\$0.0312	102.66
39	Houghton, Chassell & Southwestern Railroad	1,774.52	1,847.00	72.48	3144	\$0.0096	8191	.0341	104.08
43	Wisconsin & Michigan Railway	1,689.34	1,889.07	249.73	3015	.0083	7700	.0513	115.23
44	Wisconsin & Michigan Railroad	1,278.01	1,594.80	226.79	1,7449	.1163	3152	.0300	117.74
45	Arcadia & Betsey River Railway	597.75	810.81	213.06					135.64
46	DeLray Connecting Railroad	32,035.93	34,979.32	2,943.39	1500	.0166			109.18
47	DeLray Terminal Railroad	35,010.00	66,797.41	31,787.41	5107	.0365	4419	.0289	190.79
48	East Jordan & Southern Railroad	7,317.40	5,474.77	1,842.63	1,1440	.1049	3592	.0300	74.82
49	Empire & South Eastern Railroad	510.39	1,306.34	795.95					255.94
50	Errie & Michigan Railway & Navigation Company	2,684.81	4,011.91	1,327.10					149.43
51	Kalamazoo, Lake Shore & Chicago Railway	2,816.74	2,712.09	104.65					96.28
52	Ludington & Northern Railway	3,149.63	3,057.56	92.07			1072	.0259	97.08
53	Michigan East & West Railway	1,184.62	1,086.68	97.94	6798	.0335	3660	.0303	91.73
54	St. Clair Tunnel Co.	312,207.35	178,702.01	133,505.34					57.24
56	Wyandotte Southern Railroad	16,651.50	23,166.12	6,517.62					139.14
57	Wyandotte Terminal Railroad	5,978.28	7,643.98	1,665.70					127.86
	Total	\$5,195.52	\$5,040.03	\$155.49	\$0.3629		\$0.9621	\$0.1142	97.01

Deficit items appear in italics.

TABLE NO. 12.—REVENUE FREIGHT ORIGINATING DURING YEAR ON ROAD IN MICHIGAN.

Products of agriculture—tons.										
No.	Railroads.	Grain. (1)	Flour. (2)	Other mill products. (3)	Hay. (4)	Tobacco. (5)	Cotton. (6)	Fruit and vegetables. (7)	Other products of agriculture. (8)	Total products of agriculture. (9)
Upper Peninsula—Classes I and II.										
1	Chicago, Milwaukee & St. Paul Railway	1,636	1,500	591	1,627	51		15,957	37	21,399
2	Chicago & North Western Railway	769	425	433	4,103			17,317	387	23,434
3	Copper Range Railroad	81	442	442	1,905			1,481	20	3,371
4	Duluth, South Shore & Atlantic Railway	188	151	1,743	15,428			1,783		19,283
5	Escanaba & Lake Superior Railroad	664	415	304	1,607			1,275	135	4,400
6	Lake Superior & Ishpeming Railway									
7	Manistique & Lake Superior Railroad				102					102
8	Mineral Range Railroad	329	419	597	36,943			1,776		3,489
9	Minneapolis, St. Paul & Sault Ste. Marie Railway	747	321	132	36,943		120	2,164	875	41,302
10	Munising, Marquette & Southeastern Railway	234	15		619			695	15	1,578
11	Ontonagon Railroad	400			485					1,885
	Total, Upper Peninsula.	5,048	3,688	4,242	62,187	51	120	42,448	1,469	119,253
Lower Peninsula—Classes I and II.										
13	Ann Arbor Railroad	25,306	6,553	760	14,202			114,962	14,142	175,930
14	Boysie City, Gaylord & Alpena Railroad	206	20	11	998			2,355	190	3,780
15	Chicago, Kalamazoo & Saginaw Railway	3,617	20	98	1,118	10		3,533	123	6,519
16	Cincinnati Northern Railroad	2,490		92	2,358		112	1,887		6,939
17	Cleveland, Cincinnati, Chicago & St. Louis Railway	3,571	104	102	118		11	3,826	249	7,981
18	Detroit, Bay City & Western Railroad	6,803	175		38,499			44,374	4,118	93,969
19	Detroit & Mackinac Railway	4,971	325	164	17,341			34,373	15,792	72,966
20	Detroit, Toledo & Ironton Railroad	3,114	184	109	591			955	20	4,973
21	Detroit & Toledo Shore Line Railroad		1,008	2,469	1,270			5,727	902	11,376
22	Grand Haven & Milwaukee Railway		9,966	1,944	7,375	35		79,438	176	122,947
23	Grand Rapids & Indiana Railway	24,013								
Grand Trunk Railway System:										
24	Chicago, Detroit & Canada G. T. Trunk Railroad	9,225	145	24	2,438			287	496	12,615
25	Cincinnati, Saginaw & Mackinaw Railroad	4,281	98	190	6,340			29,085	2,592	42,536
26	Detroit, Grand Haven & Milwaukee Railway	87,219	35,637	11,464	15,843	130	333	39,617	11,681	201,924
27	Detroit & Huron Railway	466	38		418			483	62	1,417

MICHIGAN PUBLIC UTILITIES COMMISSION

159

28	Grand Trunk Western Railway	31,635	3,442	2,050	57,172	287	49	15,201	5,611	115,427
29	Michigan Air Line Railway	8,440	280	1,435	8,468			6,664	389	25,666
30	Pontiac, Orford & Northern Railroad	9,576	531	56	11,619			47,296	1,173	70,261
31	Toledo, Saginaw & Muskegon Railway	13,225	232	309	1,882		24	20,562	2,191	38,425
32	Manistee & North Eastern Railroad	3,078	489	384	873			27,541		32,165
33	Michigan Central Railroad	101,658	33,039	20,739	48,015	315		288,982	24,208	517,954
34	New York Central Railroad	79,269	48,778	14,320	24,355	808	56	38,094	5,825	211,505
35	Pere Marquette Railway	307,255	56,469	37,506	152,145	379		432,916	91,957	1,078,827
37	Wabash Railway	21,359	2,676	2,660	4,045	565		4,183	2,504	37,992
	Total, Lower Peninsula	750,777	200,214	96,886	417,253	2,509	585	1,243,111	184,401	2,895,736
Class III.										
38	Blaney & Southern Railway									
39	Houghton, Chassell & South Western Railroad									110
43	Wisconsin & Michigan Railway Co.	(a)								3,210
44	Wisconsin & Michigan Railroad	(b)								1,070
45	Arcadia & Betsey River Railroad									1,384
46	Delray Connecting Railroad									4,335
48	East Jordan & Southern Railroad									1,000
49	Empire & South Eastern Railroad									
50	Erie & Michigan Railway & Navigation Company									
51	Kalamazoo, Lake Shore & Chicago Railway									
52	Ludington & Northern Railway									8,042
53	Michigan East & West Railway									
56	Wyandotte Southern Railroad									
57	Wyandotte Terminal Railroad									
	Total, Class III.									19,151
	Grand total, all classes	755,825	203,902	101,128	479,440	2,560	705	1,285,559	185,870	3,034,140

(a) Covers period from January 1, 1918, to September 30, 1918.

(b) Covers period from October 1, 1918, to December 31, 1918.

FIRST ANNUAL REPORT

TABLE NO. 12.—REVENUE FREIGHT ORIGINATING DURING YEAR ON ROAD IN MICHIGAN—Continued.

No.	Railroads.	Products of animals—tons.							Products of mines—tons.		
		Live stock. (10)	Dressed meats. (11)	Other packing- house products. (12)	Poultry, game and fish. (13)	Wool. (14)	Hides and leather. (15)	Other products of animals. (16)	Total products of animals. (17)	Anthracite coal. (18)	Bituminous coal. (19)
Upper Peninsula—Classes I and II.											
1	Chicago, Milwaukee & St. Paul Railway	341	470	336			103	819	2,069		40,774
2	Chicago & North Western Railway	2,990	85	216			121	46	5,765	9,668	224,963
3	Copper Range Railroad	1,58	1,216	71	2,296	11	80	174	1,599		
4	Duluth, South Shore & Atlantic Railway	1,176	95		101		3,430		4,802	11,136	40,144
5	Essanville & Lake Superior Railroad	2,216	24	40			1,694	647	4,621	11,96	49,398
6	Lake Superior & Ishpeming Railway										
7	Manistique & Lake Superior Railroad	146							146		
8	Mineral Range Railroad	131					73		204	12,922	344,932
9	Minneapolis St. Paul & Sault Ste. Marie Railway	1,420	94	130	347	348	3,833	2,351	8,523	4,594	39,149
10	Munising, Marquette & Southeastern Railway	262		46	20		1,339	498	2,165		
11	Ontonagon Railroad		12					13	25		1,270
Total, Upper Peninsula		8,740	1,966	839	2,764	359	10,673	4,548	29,919	28,416	740,666
Lower Peninsula—Classes I and II.											
13	Ann Arbor Railroad	11,948	13	36	890	232	181	14,011	27,311		3,520
14	Bayne City, Gaylord & Alpena Railroad	85					5,547	4,008	9,640		6
15	Chicago, Kalamazoo & Saginaw Railway	1,991					33	54	2,078		
16	Cincinnati Northern Railroad	801		29	55		11	679	1,575		
17	Cleveland, Cinn., Chicago & St. Louis Railway	121		47			53	8	229		414
18	Detroit, Bay City & Western Railroad	2,933			5	11		66	3,015	82	50,001
19	Detroit & Mackinac Railway	12,371	268	121	180	280	3,515	190	16,925	1,284	26,953
20	Detroit, Toledo & Ironton Railroad	290		6	7		3	181	3,618		18,078
21	Detroit & Toledo Shore Line Railroad						743	2,875	3,618		
22	Grand Rapids & Indiana Railway	11,242	131	434	282	98	8,443	6,779	27,409	353	819
Grand Trunk Railway System:											
24	Chicago, Detroit & Canada G. T. Jct. Railroad	1,760	751	4,437	60	30	2,163	72	9,273		2,200
25	Cincinnati, Saginaw & Mackinaw Railroad	2,584		641	332	29	4,571	203	4,360		4,360
26	Detroit, Grand Haven & Milwaukee Railway	19,183	3,999	27,985	907	666	4,727	3,146	60,613	384	4,591
27	Detroit & Huron Railway	225						35	260		

MICHIGAN PUBLIC UTILITIES COMMISSION

161

28	Grand Trunk Western Railway	10,006	100	672	85	148	168	1,012	12,191	488	10,515
29	Michigan Air Line Railway	4,375	106	349	30	41	9	34	4,947	205	93
30	Pontiac, Oxford & Northern Railroad	5,655	30	86	3	38	55	1,611	7,363	37	195
31	Toledo, Saginaw & Muskegon Railway	3,261		178	118	136		6,332	10,080		
32	Manistee & North Eastern Railroad	1,177	24	1	4		2,363	678	4,247		95
33	Michigan Central Railroad	87,919	1,652	9,140	2,525	1,091	5,724	44,215	152,266		474,434
34	New York Central Railroad	46,292	1,145	1,695	2,627	1,067	1,181	35,837	89,844		9,073
35	Pere Marquette Railway	77,573	605	4,483	9,655		36,469	74,433	202,613		382,917
37	Wabash Railway	7,443		6,611	224	39	247	12,138	27,307		
	Total, Lower Peninsula	309,235	8,797	56,904	18,036	3,910	72,206	208,597	677,685	2,813	983,904
Class III.											
38	Blaney & Southern Railway										
39	Houghton, Chassell & South Western Railroad										
43	Wisconsin & Michigan Railway								64		
44	Wisconsin & Michigan Railroad								22		
45	Arcadia & Betsey River Railroad								154		
46	Delray Connecting Railroad										
48	East Jordan & Southern Railroad								11		
49	Empire & South Eastern Railroad										
50	Erie & Michigan Railway & Navigation Co.										
51	Kalamazoo, Lake Shore & Chicago Railway										
52	Ludington & Northern Railway										
53	Michigan East & West Railway								629		
56	Wyandotte Southern Railroad										
57	Wyandotte Terminal Railroad										
	Total, Class III								880		
	Grand total, all classes	317,975	10,793	57,743	20,800	4,269	82,879	213,145	708,484	41,229	1,734,564

TABLE NO. 12—REVENUE FREIGHT ORIGINATING DURING YEAR ON ROAD IN MICHIGAN—Continued.

No.	Railroads.	Products of mines.					Products of forests.		
		Coke.	Ores.	Stone, sand and other like articles.	Other products of mines.	Total products of mines.	Lumber.	Other products of forests.	Total products of forests.
Upper Peninsula—Classes I and II.									
1	Chicago, Milwaukee & St. Paul Railway.....	776	2,282,736	17,825	9,009	2,351,120	319,155	49,475	368,630
2	Chicago & North Western Railway.....	792	12,445,070	9,507	288	12,690,318	231,119	1,070,259	1,301,378
3	Copper Range Railroad.....	501	1,940,839	130,551	20,939	2,092,830	90,863	4,510	95,373
4	Duluth, South Shore & Atlantic Railway.....	1,701	1,089,913	421,175	9,338	1,573,407	169,835	489,608	659,443
5	Escanaba & Lake Superior Railroad.....	45	2,923	2,569	.....	55,031	26,138	246,153	272,291
6	Lake Superior & Ishpeming Railway.....	.....	2,527,396	158	.....	2,527,554	2,106	864	2,970
7	Manistique & Lake Superior Railroad.....	.....	.....	612	.....	612	1,401	136,277	137,678
8	Mineral Range Railroad.....	237	3,901,128	16,914	123,872	4,400,005	17,020	48,349	65,369
9	Minneapolis, St. Paul & Sault Ste. Marie Railway.....	138	721,103	319,825	2,221	1,087,030	356,074	208,073	564,147
10	Munising, Marquette & Southeastern Railway.....	90	305,516	2,102	3,937	311,645	432,769	307,330	740,099
11	Ontonagon Railroad.....	.....	.....	.....	.....	1,270	3,523	.....	3,523
Total, Upper Peninsula.....		4,280	25,216,624	921,238	169,604	27,090,822	1,650,003	2,560,898	4,210,901
Lower Peninsula—Classes I and II.									
13	Ann Arbor Railroad.....	125	.....	71,678	1,473	76,796	42,996	45,063	88,059
14	Boyne City, Gaylord & Alpena Railroad.....	.....	.....	.....	6	6	28,739	248,541	277,280
15	Chicago, Kalamazoo & Saginaw Railway.....	.....	.....	254	29	283	566	466	1,032
16	Cincinnati Northern Railroad.....	39	.....	25,667	.....	25,706	2,882	321	3,203
17	Cleveland, Cincinnati, Chicago & St. Louis Railway.....	.....	.....	367	211	992	717	54	771
18	Detroit, Bay City & Western Railroad.....	.....	.....	33,116	4,709	87,908	728	2,740	3,468
19	Detroit & Mackinac Railway.....	52	279,027	279,027	179	307,495	61,629	207,223	268,852
20	Detroit, Toledo & Ironton Railroad.....	1,029	11	8,603	1	27,722	1,277	126	1,403
21	Detroit & Toledo Shore Line Railroad.....	11,802	.....	134,323	33,410	179,535	7,025	6,762	13,787
22	Grand Rapids & Indiana Railway.....	1,094	.....	104,951	869	108,086	148,442	381,690	530,132
23	Grand Trunk Railway System:	.....	.....	.....	.....	.....	.....	.....	.....
24	Chicago, Detroit & Canada G. T. Jet. Railroad.....	4,992	10,691	12,436	31,637	59,756	7,494	1,238	8,732
25	Cincinnati, Saginaw & Mackinaw Railroad.....	19	12	4,694	1,813	8,728	14,595	5,855	20,450
26	Detroit, Grand Haven & Milwaukee Railway.....	24,679	3,064	93,076	15,752	141,536	29,970	11,137	41,107
27	Detroit & Huron Railway.....	.....	.....	.....	.....	.....	17	.....	58

MICHIGAN PUBLIC UTILITIES COMMISSION

163

28	Grand Trunk Western Railway.....	219	18,576	63,816	93,594	6,947	11,457	18,404
29	Michigan Air Line Railway.....		76,128	258	76,684	1,140	1,051	2,191
30	Pontiac, Oxford & Northern Railroad.....	11	3,250	73	3,529	903	1,700	1,603
31	Toledo, Saginaw & Muskegon Railway.....		8,344	549	8,930	2,572	685	3,257
32	Manistee & North Eastern Railroad.....	18	31,957		32,070	51,275	288,166	339,441
33	Michigan Central Railroad.....	100,551	833,883	146,773	1,555,641	647,374	188,493	835,867
34	New York Central Railroad.....	6,186	235,165	8,008	258,627	20,478	18,172	38,650
35	Pere Marquette Railway.....	61,320	932,237	209,730	1,596,204	348,051	97,999	446,050
37	Wabash Railway.....	5,580	714	154,390	161,901	10,064	908	10,972
	Total, Lower Peninsula.....	217,716	2,908,436	673,680	4,811,729	1,435,881	1,518,888	2,954,769
Class III.								
38	Blaney & Southern Railway.....							
39	Houghton, Chassell & South Western Railroad.....							
43	Wisconsin & Michigan Railway.....				147			87,706
44	Wisconsin & Michigan Railroad.....				49			29,235
45	Arcadia & Betsey River Railroad.....							721
46	Delray Connecting Railroad.....							
48	East Jordan & Southern Railroad.....							
49	Empire & South Eastern Railroad.....							160,652
50	Eric & Michigan Railway & Navigation Co.....							
51	Kalamazoo, Lake Shore & Chicago Railway.....				911,680			
52	Ludington & Northern Railway.....							
53	Michigan East & West Railway.....							
56	Wyandotte Southern Railroad.....				23,964			36,254
57	Wyandotte Terminal Railroad.....							
	Total, Class III.....				935,940			314,568
	Grand total, all classes.....	221,996	3,829,674	843,294	32,838,391	3,065,884	4,079,786	7,480,238

28	Grand Trunk Western Railway	1,420	24		3,252	472	13,004	544	29,153	4,214
29	Michigan Air Line Railway	102	162		1,754	80	3,241	16	3,298	314
30	Pontiac, Oxford & Northern Railroad				1,376	16	61	4	52	6
31	Toledo, Saginaw & Muskegon Railway		243		860	130	7,567	31	137	123
32	Manistee & North Eastern Railroad	346	66		1,647	1,850	2,501		211	37
33	Michigan Central Railroad	80,006	31,872		54,464	5,308	184,742	36,600	184,003	65,204
34	New York Central Railroad	11,002	10,270		23,714	406	42,938	24,371	155,968	7,071
35	Pere Marquette Railroad	130,893	84,678		161,791		117,075	71,508	182,298	8,434
37	Wabash Railway	3,416	131			771	9,515	10,485	4,167	172
	Total, Lower Peninsula	258,346	144,570	29,408	432,477	52,615	490,219	184,233	878,136	102,319
Class III.										
38	Blaney & Southern Railway									
39	Houghton, Chassell & South Western Railroad									
43	Wisconsin & Michigan Railway									
44	Wisconsin & Michigan Railroad									
45	Arcadia & Betsay River Railway									
46	Delany Connecting Railroad									
48	East Jordan & Southern Railroad									
49	Empire & South Eastern Railroad									
50	Erie & Michigan Railway & Navigation Co.									
51	Kalamazoo, Lake Shore & Chicago Railway									
52	Ludington & Northern Railway									
53	Michigan East & West Railway									
56	Wyandotte Southern Railroad									
57	Wyandotte Terminal Railroad									
	Total, Class III.									
	Grand Total, All Classes	262,513	148,143	30,867	570,475	60,163	535,817	198,192	912,681	103,342

TABLE NO. 12.—REVENUE FREIGHT ORIGINATING DURING YEAR ON ROAD IN MICHIGAN—Concluded.

No.	Railroads.	Manufactures.					Miscellaneous commodities not specified above. Carload rates. (42)	L. C. L. goods not distributed above. (43)	Grand total, all commodities. (44)
		Wagons, carriages and tools. (37)	Wines, liquors and beers. (38)	Household goods and furniture. (39)	Other manufactures. (40)	Total manufactures. (41)			
Upper Peninsula—Classes I and II.									
1	Chicago, Milwaukee & St. Paul Railway.....	361	1,747	409	11,982	18,788	7,132	11,090	2,780,228
2	Chicago & North Western Railway.....	316	1,625	2,423	112,329	143,887	13,412	123,410	14,301,604
3	Copper Range Railroad.....	36	1,738	405	18,744	24,993	9,528	14,111	2,241,805
4	Duluth, South Shore & Atlantic Railway.....	20	489	975	53,152	117,085	34,196	16,449	2,434,675
5	Escanaba & Lake Superior Railroad.....	466	186	426	8,691	45,307	8,313	1,068	390,971
6	Lake Superior & Ishpeming Railway.....	.....	.....	50	27	1,826	345	2,398	2,535,093
7	Manistique & Lake Superior Railroad.....	.....	.....	103	621	1,434	825	1,272	1,142,069
8	Mineral Range Railroad.....	.....	615	698	9,992	18,158	17,349	13,064	4,517,638
9	Minneapolis, St. Paul & Sault Ste. Marie Railway.....	618	495	451	70,981	137,791	19,414	11,972	1,870,179
10	Munising, Marquette & Southeastern Railway.....	.....	69	393	44,045	85,718	3,960	15,853	1,161,018
11	Ontonagon Railroad.....	.....	.....	.....	69	100	.....	.....	5,893
Total, Upper Peninsula.....		1,757	6,994	6,333	330,333	595,287	114,274	210,627	32,371,063
Lower Peninsula—Classes I and II.									
13	Ann Arbor Railroad.....	22,058	306	2,345	85,772	172,315	5,935	85,982	632,328
14	Boyer City, Gaylord & Alpena Railroad.....	90	.....	96	5,161	23,847	.....	1,687	316,190
15	Chicago, Kalamazoo & Saginaw Railway.....	111	19	219	3,764	2,764	7,055	5,526	28,257
16	Cincinnati Northern Railroad.....	1,993	17	326	6,303	62,071	11,768	5,971	117,233
17	Cleveland, Cincinnati, Chicago & St. Louis Railway.....	30	206	165	1,751	4,082	423	3,226	17,704
18	Detroit, Bay City & Western Railroad.....	.....	.....	45	.....	747	7,606	7,474	204,187
19	Detroit & Mackinac Railway.....	100	49	1,097	5,897	144,367	16,479	73,777	900,861
20	Detroit, Toledo & Ironton Railroad.....	347	19	23	9,033	20,131	1,023	814	64,557
21	Detroit & Toledo Shore Line Railroad.....	34,075	2,047	366	95,972	95,972	13,757	24,305	342,350
22	Grand Rapids & Indiana Railway.....	5,612	1,035	21,006	107,312	239,893	60,028	143,648	1,232,143
Grand Trunk Railway System:									
24	Chicago, Detroit & Canada G. T. Trk. Railroad.....	487	1,310	1,131	6,507	60,957	6,574	19,544	177,451
25	Cincinnati, Saginaw & Mackinaw Railroad.....	487	.....	308	2,914	17,021	9,241	11,579	113,915
26	Detroit, Grand Haven & Milwaukee Railway.....	42,322	6,062	7,643	60,783	357,751	108,143	65,850	976,894
27	Detroit & Huron Railway.....	.....	2	2	.....	24	97	858	2,714

28	Grand Trunk Western Railway	32,867	195	809	18,400	104,354	54,142	59,875	457,987
29	Michigan Air Line Railway	23	21	355	3,024	12,405	13,741	5,315	140,949
30	Pontiac, Oxford & Northern Railroad	3,356		126	3,253	7,250	3,643	6,116	99,785
31	Toledo, Saginaw & Muskegon Railway	185		4,055	703	14,064	1,734	9,106	85,566
32	Maine & North Eastern Railroad	115	591	803	124,367	132,534	953	3,403	544,813
33	Michigan Central Railroad	441,543	10,260	46,336	880,807	2,036,014	351,552	258,898	5,706,194
34	New York Central Railroad	68,374	4,045	8,813	460,928	831,876	131,308	70,036	1,631,848
35	Pere Marquette Railway	215,564	22,549	36,247	68,235	1,099,261	358,697	504,141	5,285,493
37	Wabash Railway	67,648	687	3,763	81,688	1,188,194	64,545	68,260	549,171
	Total, Lower Peninsula	937,377	49,429	135,979	1,933,758	5,628,866	1,228,444	1,425,361	19,622,590
Class III.									
38	Blaney & Southern Railway								110
39	Houghton, Chassel & South Western Railroad					1,861	3,918	4,617	101,523
43	Wisconsin & Michigan Railway					620	1,539	961	33,496
44	Wisconsin & Michigan Railroad					1,338		174	3,771
45	Arcadia & Betsey River Railway								911,680
46	Delray Connecting Railroad					24,462	1,010	832	191,302
48	East Jordan & Southern Railroad							131	1,131
49	Empire & South Eastern Railroad								
50	Erie & Michigan Railway & Navigation Co.								
51	Kalamazoo, Lake Shore & Chicago Railway								
52	Ludington & Northern Railway					254	384	1,921	71,448
53	Michigan East & West Railway								
56	Wyandotte Southern Railroad								
57	Wyandotte Terminal Railroad								
	Total, Class III					28,535	6,851	8,636	1,314,461
	Grand total, all classes	939,134	56,423	142,312	2,264,091	6,252,688	1,349,569	1,644,624	53,308,134

TABLE NO. 13—EMPLOYEES AND THEIR COMPENSATION—TOTALS, ENTIRE LINE.

No.	Railroads.	Total number of employees in service at middle of month named.				Average number of employees in service.	Total number of hours on duty during year.	Total number of days on duty during year.	Total compensation during year.
		January.	April.	July.	October.				
		(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Upper Peninsula—Classes I and II.									
1	Chicago, Milwaukee & St. Paul Railway Co.	53,041	57,369	62,075	68,763	60,312	189,680,221	2,045,230	\$84,792,708.32
2	Chicago & North Western Railway Co.	53,200	56,680	60,943	52,088	51,729	135,879,673	2,680,547	72,387,581.53
3	Copper Range Railroad Co.	1,494	420	161	500	466	1,455,781	38,293	72,387,581.53
4	Dunth, South Shore & Atlantic Railway Co.	1,674	2,061	2,194	2,010	2,060	5,336,884	109,223	2,797,946.72
5	Escanaba & Lake Superior Railroad Co.	227	271	293	245	260	620,213	8,063	269,942.96
6	Lake Superior & Ishpeming Railway Co.								
7	Manistique & Lake Superior Railroad Co.	110	110	125	125	117	293,388	8,311	134,213.99
8	Mineral Range Railroad Co.	625	535	552	563	584	1,567,960	21,277	687,528.59
9	Minneapolis, St. Paul & Sault Ste. Marie Railway Co.	13,025	14,202	14,166	13,999	13,849	36,475,691	584,725	18,170,756.00
10	Munising, Marquette & Southeastern Railway Co.								
11	Ontonagon Railroad Co.	14	14	14	14	14	11,890	1,500	5,102.37
12	Sault Marie Union Depot Co.	8	9	9	9	9	26,946	365	9,949.26
	Total, Upper Peninsula.	122,708	125,661	130,810	138,256	129,339	350,978,947	5,447,615	\$179,761,483.21
Lower Peninsula—Classes I and II.									
13	Ann Arbor Railroad Co.	1,568	1,488	1,494	1,360	1,478	3,900,205	54,417	\$1,940,283.71
14	Bozette City, Gaylord & Alpena Railroad Co.	119	109	106	80	104	222,886	7,505	108,381.28
15	Chicago, Kalamazoo & Saginaw Railway Co.	833	814	814	814	819	2,285,932	30,963	1,069,332.07
16	Cincinnati Northern Railroad Co.	21,213	22,226	22,889	23,414	22,435	62,985,017	870,511	33,450,337.93
17	Cleveland, Cin., Chicago & St. Louis Railway Co.								
18	Detroit, Bay City & Western Railroad Co.	144	182	202	199	187	460,045	7,434	163,853.00
19	Detroit & Mackinac Railway Co.	794	778	945	815	798	1,896,039	37,182	831,929.12
20	Detroit Terminal Railroad Co.	267	289	253	223	263	704,577	24,279	406,835.80
21	Detroit, Toledo & Ironton Railroad Co.	1,738	1,365	1,537	1,706	1,642	4,345,954	78,862	2,303,738.89
22	Detroit & Toledo Shore Line Railroad Co.	408	480	460	420	437	1,160,501	14,153	602,732.66
23	Grand Rapids & Indiana Railway Co.	3,513	2,846	2,857	3,038	3,071	7,295,440	144,061	3,994,066.30
Grand Trunk Railway System:									
24	Chicago, Detroit & Canada G. T. Jct. Railroad Co.	846	770	660	714	748	1,771,847	12,547	811,881.42
25	Cincinnati, Saginaw & Mackinac Railroad Co.	163	139	145	199	161	391,501	10,517	173,999.07
26	Detroit, Grand Haven & Milwaukee Railway Co.	2,294	2,147	2,099	2,369	2,228	5,427,708	131,012	2,812,982.80
27	Detroit & Huron Railway Co.	17	21	21	21	20	34,270	673	14,403.86
28	Grand Trunk Western Railway Co.	5,044	4,832	4,914	5,006	5,069	13,505,215	170,581	7,037,519.93

29	Michigan Air Line Railway Co.	144	136	133	176	147	339,139	5,790	156,482 21
30	Pontiac, Oxford & Northern Railroad Co.	248	233	222	250	240	576,899	7,071	245,937 68
31	Toledo, Saginaw & Muskegon Railway Co.	185	171	171	168	174	426,461	5,979	169,996 99
32	Maine & North Eastern Railroad Co.								
33	Michigan Central Railroad Co.	21,497	20,904	23,641	21,290	21,833	58,563,672	978,536	31,634,814 97
34	New York Central Railroad Co.	103,180	101,247	99,979	103,239	101,911	275,087,241	5,288,771	150,802,960 51
35	Pere Marquette Railway Co.	9,769	10,021	10,064	10,955	10,207	29,061,661	403,305	14,923,657 10
36	Port Huron Southern Railroad Co.	12	14	13	16	14	41,276	807	18,557 74
37	Wabash Railway Co.	17,364	16,580	17,436	17,950	17,332	44,543,853	647,428	24,186,026 20
	Total, Lower Peninsula	191,370	188,012	191,005	195,031	191,355	515,027,337	8,931,514	\$277,760,811 65
Class III.									
38	Blaney & Southern Railway Co.	12	13	13	14	13	16,179	707	\$6,714 71
39	Houghton, Chassell & South Western Railroad Co.	6	6	6	6	6			7,726 00
40	Wisconsin & Michigan Railway Co.	45	38	42		41	56,115	4,122	32,215 09
41	Wisconsin & Michigan Railway Co.				38	38	13,277	986	10,201 81
42	Wisconsin & Michigan Railway Co.								6,846 38
43	Wisconsin & Michigan Railway Co.								
44	Wisconsin & Michigan Railway Co.								
45	Wisconsin & Michigan Railway Co.								
46	Delray Connecting Railroad Co.	133	130	132	143	135	379,438	5,929	285,174 95
47	Delray Terminal Railroad Co.	38	39	40	35	38	94,638	874	32,307 53
48	East Jordan & Southern Railroad Co.	54	48	72	60	58	131,457	3,032	55,007 85
49	Empire & South Eastern Railroad Co.	9	9	11	11	10	20,433	872	8,251 74
50	Erie & Michigan Railway & Navigation Co.	24	36	36	41	34	62,786	2,464	32,291 74
51	Kalamazoo, Lake Shore & Chicago Railway Co.	90	95	91	87	91	177,670	9,512	73,391 85
52	Ludington & Northern Railway Co.	25	19	31	16	23	48,048	1,478	16,663 03
53	Michigan East & West Railway Co.	53	52	46	48	51	126,295	3,112	48,873 04
54	Wyandotte Southern Railroad Co., Receiver	13	13	13	13	13	19,068	1,836	9,707 95
55	Wyandotte Southern Railroad Co.								
56	Wyandotte Southern Railroad Co.								
57	Wyandotte Terminal Railroad Co.	73	79	66	65	71	189,034	2,968	113,745 74
	Total, Class III	586	587	608	586	592	1,348,636	39,146	\$738,207 41
	Grand Total, All Classes	314,664	314,260	322,423	333,873	321,305	867,354,920	14,418,275	\$458,260,502 27

TABLE NO. 14—CONSUMPTION OF FUEL BY LOCOMOTIVES—TOTAL TONS—ENTIRE LINE.

No.	Railroads.	Freight service. (1)	Passenger service. (2)	Mixed train service. (3)	Special service. (4)	Yard switching. (5)	Total transportation service. (6)	Work service. (7)	Grand total—tons. (8)	Average cost including transportation.			
										Bituminous coal.	Fuel oil.	Wood.	
Upper Peninsula—Classes I and II.													
1	Chicago, Milwaukee & St. Paul Ry.	2,378,190	871,176	108,889	17,927	751,118	4,127,300	68,533	4,195,833	\$3,304	\$,035	\$2,710	
2	Chicago & Northwestern Ry.	2,517,847	1,283,658	148,681	2,947	861,942	4,815,075	107,931	4,923,006	2,782	.016		
3	Copper Range R. R.	5,701	2,501	2,836		2,313	24,940	512	25,452	518		4.31	
4	Duluth, South Shore & Atlantic Ry.	78,989	40,307	589	194	12,722	132,801	2,333	135,134	574		3.59	
5	Escanaba & Lake Superior R. R.	2,890		2,719		5,291	10,900	846	11,746	625		9.00	
6	Lake Superior & Ishpeming Ry.	5,586	362			9,502	15,450	1,291	16,741	521		2.27	
7	Manistique & Lake Superior R. R.	3,343		917		1,565	5,825	85	5,910	475		2.20	
8	Mineral Range R. R.	24,606	795	2,485	13	7,102	35,001	476	35,477	582		3.91	
9	Minneapolis, St. P. & S. Ste. Marie Ry.	553,913	202,701	25,395	813	125,348	908,170	14,388	922,558	521		3.50	
10	Munising, Marquette & S. E. Ry.	9,346	850	7,558	32	3,479	21,265	1,148	22,413	525		1.50	
11	Ontonagon R. R.									9.00		3.00	
Total, Upper Peninsula										10,294,270			
Lower Peninsula—Classes I and II.													
13	Ann Arbor R. R.	71,463	22,761		16,629		110,853	903	111,756	\$3,308		\$2.48	
14	Boyet City, Gaylord & Alpena R. R.	6,010	3,000		600		10,210	350	10,560	475			
15	Chicago, Kalamazoo & Saginaw Ry.	182,720	206,550			220,890	610,160		610,160	439			
16	Cincinnati Northern R. R.	55,182	14,228			3,968	73,378	812	74,190	393	\$,081		
17	Cleveland, Cinn., Chicago & St. L. Ry.	1,144,857	427,258	6,776	2,767	487,852	2,069,510	29,206	2,098,716	278	.069		
18	Detroit, Bay City & Western R. R.	8,862	5,400		1,050	1,800	17,112	200	17,312	412		1.25	
19	Detroit & Mackinac Ry.	20,215	12,552	6,377	103	4,122	43,369	1,754	45,123	493		1.75	
20	Detroit Terminal R. R.					23,244	23,244	358	23,602	460			
21	Detroit, Toledo & Ironton R. R.	121,825	14,728	1,401	66	29,881	167,901	487	168,388	387			
22	Detroit & Toledo Shore Line R. R.	34,116					34,116	142	34,258	351			
23	Grand Rapids & Indiana Ry.	134,456	58,034	3,866	200	26,394	222,950	6,878	229,828	331	.108	2.43	

STATISTICS
ELECTRIC RAILWAYS

FOR THE
YEAR ENDING DECEMBER 31, 1918.

FIRST ANNUAL REPORT

TABLE NO. 1—BALANCE SHEET—ASSETS—DECEMBER 31, 1918.

No.	Railway.	Investments.				Current assets.				
		Road and equipment. (401)	Sinking funds. (402)	Other investments. (406)	Total.	Cash. (406)	Special deposits. (408)	Loans and notes receivable. (409)	Miscellaneous accounts receivable. (410)	Materials and supplies (411).
111	Benton Harbor-St. Joe Ry. & Light Co.	\$2,474,843 22		\$279,310 15	\$2,754,153 37	\$32,058 02		\$6,379 90	\$49,722 52	\$32,546 80
112	Detroit, Jackson & Chicago Ry.	4,800,470 82			4,800,470 82					15,000 00
113	Detroit, Monroe & Toledo Short Line Ry.	3,508,787 77		99,300 00	3,608,087 77					44,000 00
114	Detroit & Huron Shore Line Ry.	6,348,204 43			6,348,204 43					1,714,270 11
115	Detroit United Ry.	49,628,723 37		175,200 00	(a) 50,803,923 37	268,754 83			100,064 09	
116	Detroit, Almont & Northern R. R.	463,223 12			(b) 463,223 12					
117	Exempla Traction Co.	1,487,862 82			1,487,862 82	4,815 57		25,000 00	20,275 10	6,329 94
118	Gd. Rapids, Gd. Haven & Muskegon Ry.	3,962,839 47			3,962,839 47	8,033 83		1,000 00	5,437 92	52,713 46
119	Houghton County Traction Co.	2,238,380 27	\$679 87	20,000 00	(c) 2,341,739 94	63,003 96			3,283 77	51,841 65
120	Michigan Ry.	14,530,487 24	196,050 36		(d) 14,561,537 60	51,981 39		1,235,446 80	76,926 39	513,807 61
121	Grand Rapids, Holland & Chicago Ry.	3,864,188 83			(e) 3,864,188 83					
122	Michigan United Railways.	20,260,335 59	673,900 00		20,934,235 59				15,565 24	
123	Lansing Southern R. R.	81,080 12			81,080 12				15,724 59	
124	Muskegon Traction & Lighting Co.	1,853,235 07			1,853,235 07	24,777 26			22,320 49	77,087 05
125	Saginaw-Bay City Ry.	5,398,177 76	233,630 39	2,000 00	5,634,008 15	19,446 89	\$10,063 00		2,813 04	136,394 28
126	Southern Michigan Railway.	3,292,750 79	91,574 16		3,384,324 95	43,030 35			49,465 19	
127	Toledo, Ottawa Beach & Northern Ry.	2,131,013 36	9,779 42		(f) 2,210,794 78	13,230 68			55,188 28	
128	Toledo & Western R. R.	4,262,819 35		41,781 97	4,304,601 32	29,739 72	800 00	1,440 00	12,164 30	58,187 85
Total		\$131,449,508 40	\$1,201,914 00	\$617,562 12	\$141,189,700 38	\$560,942 50	\$10,863 00	\$1,269,266 70	\$431,031 52	\$2,702,299 65

(a) Includes Item 405, "Investment in affiliated companies," \$7,708,207 98.

(b) Includes Item 405, "Investment in affiliated companies," \$1,776 88.

(c) Includes Item 405, "Investment in affiliated companies," \$82,700 00.

(d) Includes Item 405, "Investment in affiliated companies," \$36,650 00; also Item 403, "Deposits in lieu of mortgaged property sold," \$1,350 00.

(e) Includes Item 405, "Investment in affiliated companies," \$40,000 00.

(f) Includes Item 403, "Deposits in lieu of mortgaged property sold," \$50,000 00.

TABLE NO. 1—BALANCE SHEET—ASSETS—DECEMBER 31, 1918—Concluded.

No.	Railway.	Current assets.		Total deferred assets.	Unadjusted debits.				Grand total assets.
		Interest, dividends and rents receivable. (412)	Other current assets. (413)		Rents and insurance premium paid in advance. (416)	Discount on funded debt. (418)	Other unadjusted debits. (420)	Total.	
111	Benton Harbor-St. Joe Ry. & Lt. Co.		\$4,613 04	\$125,320 28		\$80,100 78		\$80,100 78	\$2,959,574 43
112	Detroit, Jackson & Chicago Ry.			15,000 00					4,800,470 82
113	Detroit, Monroe & Toledo Short Line Ry.			44,000 00					5,923,087 77
114	Detroit & Huron Shore Line Ry.			2,103,595 28					6,392,204 43
115	Detroit United Ry.	\$20,486 25							59,615,726 63
116	Detroit, Almont & Northern R. R.								405,000 00
117	Escanaba Traction Co.		600 00	57,020 61					1,544,883 43
118	Gd. Rapids, Gd. Haven & Muskegon Ry.	219 51	16,500 00	83,974 82	\$5,190 29			5,190 29	3,159,739 89
119	Houghton County Traction Co.	537 83	25,000 00	145,796 91	1,958 81		\$2,243 63	4,202 44	2,491,759 29
120	Michigan Railway			1,878,162 19	8,114 40		28,638 47	36,752 87	16,476,452 66
121	Grand Rapids, Holland & Chicago Ry.								3,604,189 83
122	Michigan United Railways			15,565 24					20,948,900 83
123	Lansing Southern R. R.			15,724 59					96,784 71
124	Muskegon Traction & Lighting Co.			124,185 70					1,956,430 08
125	Saginaw-Bay City Ry.			168,747 81		52,901 86		52,901 86	5,879,863 39
126	Southern Michigan Ry.		1,846 27	94,362 01	76 32	5,800 00	750 00	6,626 32	3,485,313 28
127	Toledo, Ottawa Beach & Northern Ry.		1,034 62	71,463 58	10 50			10 50	2,262,268 86
128	Toledo & Western R. R.	5,888 69	93	108,241 49					4,412,842 81
	Total.	\$27,132 28	\$49,594 86	\$5,051,160 51	\$7,643 37	\$138,802 64	\$31,632 10	\$162,791 37	\$146,435,493 14

Reverse items appear in italic type.

TABLE NO. 1—BALANCE SHEET—LIABILITIES—DECEMBER 31, 1918.

No.	Railway.	Capital stock.	Long term debt.			Current liabilities.			
			Funded debt. unmatured.	Non-negoti- able debt to affiliated companies.	Total.	Loans and notes payable.	Audited accounts and wages payable.	Miscellaneous accounts payable.	Matured interest dividends and rents unpaid.
111	Benton Harbor-St. Joe Railway & Light Co.	\$1,200,000 00	\$1,438,500 00	.....	\$1,438,500 00	\$79,000 00	\$21,758 85	\$10,077 10	.....
112	Detroit, Jackson & Chicago Railway	614,000 00	4,000,000 00	.....	\$36,939 88	.....	.....	.....	.....
113	Detroit, Monroe & Toledo Short Line Railway	2,581,000 00	3,000,000 00	226,358 52	3,226,358 52	.....	.....	.....	.....
114	Detroit & Huron Shore Line Railway	2,000,000 00	2,890,000 00	1,398,369 12	4,288,369 12	.....	61,265 00	.....	.....
115	Detroit United Railway	15,000,000 00	26,125,000 00	1,776 88	26,126,776 88	1,136,230 91	1,769,895 19	.....	\$165 00
116	Detroit, Almont & Northern Railroad	5,000 00	400,000 00	.....	400,000 00	.....	.....	.....	.....
117	Escanaba Traction Company	500,000 00	740,000 00	.....	740,000 00	.....	24,130 50	.....	.....
118	Grand Rapids, Grand Haven & Muskegon Railway	1,200,000 00	1,500,000 00	.....	1,500,000 00	203,800 00	.....	41,668 75	.....
119	Houghton County Traction Company	957,200 00	1,068,500 00	.....	1,068,500 00	12,500 00	23,652 06	.....	.....
120	Michigan Railway	4,392,000 00	6,500,000 00	5,147,627 15	11,647,627 15	33,033 50	.....	415,534 31	.....
121	Grand Rapids, Holland & Chicago Railway	1,324,700 00	1,475,000 00	838,992 06	2,313,992 06	.....	.....	.....	.....
122	Michigan United Railways	7,000,000 00	13,117,000 00	26,000 00	13,143,000 00	526,118 31	.....	81,060 12	.....
123	Leaning Southern Railroad	3,100 00	.....	.....	.....	.....	.....	25,462 83	11,260 00
124	Muskegon Traction & Lighting Co.	663,000 00	600,000 00	.....	600,000 00	175,000 00	9,729 44	.....	.....
125	Saginaw-Bay City Railway	2,600,000 00	2,441,000 00	797,388 76	3,238,388 76	8,403 00	106,167 16	50,000 00	.....
126	Southern Michigan Railway	2,000,000 00	1,150,000 00	.....	1,150,000 00	15,550 00	47,034 18	992 17	.....
127	Toledo, Ottawa Beach & Northern Railway	1,500,000 00	500,000 00	.....	500,000 00	.....	9,691 58	.....	22,500 00
128	Toledo & Western Railroad	2,000,000 00	2,000,000 00	.....	2,000,000 00	119,565 84	309,063 57	453,499 96	.....
	Total	\$45,540,000 00	\$68,945,000 00	\$8,473,452 37	\$77,418,452 37	\$2,311,201 56	\$2,382,385 53	\$1,078,295 24	\$33,925 00

TABLE NO. 1—BALANCE SHEET—LIABILITIES—DECEMBER 31, 1918—Continued.

23 No.	Railway.	Current liabilities.			Total deferred liabilities.	Unadjusted credits.			
		Accrued interest, dividends and rents unpaid.	Other current liabilities.	Total.		Tax liability.	Insurance and casualty reserve.	Operating reserves.	Accrued depreciation—road and equipment.
111	Benton Harbor-St. Joe Railway & Light Co.	\$22,912 46		\$33,746 41		\$9,886 73			\$15,055 20
112	Detroit, Jackson & Chicago Railway	78,875 00		78,875 00		21,000 00	\$7,007 00	\$31,848 94	10,800 00
113	Detroit, Monroe & Toledo Short Line Railway					8,835 31	13,469 95	100,394 61	10,800 00
114	Detroit & Huron Shore Line Railway	3,675 00		64,940 00			3,475 85	24,619 46	10,800 00
115	Detroit United Railway	165,007 67		3,073,298 77		60,000 00	136,982 27	335,315 02	
116	Detroit, Almont & Northern Railroad								
117	Escanaba Traction Co.	2,500 00		26,630 50				7,045 45	102,057 75
118	Grand Rapids, Grand Haven & Muskegon Railway			(a) 255,789 75	\$123 72	19,897 44	32,694 44	14,756 55	111,964 71
119	Houghton County Traction Co.	149 30		36,301 36	8,398 64			2,283 16	
120	Michigan Railway	223,710 98	\$11,366 76	683,645 55					269,645 37
121	Grand Rapids, Holland & Chicago Railway				1 00				
122	Michigan United Railways			526,118 31					
123	Lansing Southern Railroad			81,060 12					
124	Muskegon Traction & Lighting Co.		8,125 36	229,577 63		24,956 78			233,500 00
125	Saginaw-Bay City Railway	37,754 95	17,248 12	219,573 23	783 96				
126	Southern Michigan Railway	18,296 17		81,872 52		4,060 75		\$,628 91	5,300 00
127	Toledo, Ottawa Beach & Northern Railway	21,250 00	9,084 93	62,526 51		1,251 52	3,474 61		
128	Toledo & Western Railroad	8,318 92	7,160 75	897,609 04		12,444 95	8,416 42		28,576 26
	Total.	\$582,450 45	\$52,985 92	\$6,451,564 70	\$9,307 32	\$24,562 86	\$205,520 54	\$513,644 28	\$798,499 29

(a) Includes Liberty Bond account, \$10,321.00.

Reverse items appear in italic type.

FIRST ANNUAL REPORT

TABLE NO. 1—BALANCE SHEET—LIABILITIES—DECEMBER 31, 1918—Concluded.

No.	Railway.	Unadjusted credits.		Corporate surplus.				Grand total liabilities.
		Other unadjusted credits. (446)	Total.	Funded debt retired through surplus. (448)	Sinking fund reserves. (449)	Miscellaneous fund reserves. (450)	Profit and loss. (451)	Total.
111	Benton Harbor-St. Joe Railway & Light Co.	\$3,686 95	(a) \$96,418 22				\$90,909 80	\$90,909 80
112	Detroit, Jackson & Chicago Railway		70,655 94					\$2,959,574 43
113	Detroit, Monroe & Toledo Short Line Railway		115,729 25					4,800,470 82
114	Detroit & Port Huron Shore Line Railway		38,895 31					5,923,087 77
115	Detroit United Railway	350,626 11	762,923 40			\$6,844,900 08	7,807,827 50	6,392,204 43
116	Detroit, Almont & Northern Railroad							59,615,726 63
117	Escanaba Traction Company		109,103 20	\$10,000 00			159,149 73	405,000 00
118	Grand Rapids, Grand Haven & Muskegon Railway	1,045 44	165,602 03				37,588 11	1,544,883 43
119	Houghton County Traction Company	1,206 65	15,963 20			243,548 66	170,122 35	(b) 3,150,739 89
120	Michigan Railway	32,408 97	304,347 50				413,671 01	2,491,759 29
121	Grand Rapids, Holland & Chicago Railway						567,066 18	(c) 16,476,452 66
122	Michigan United Railways						34,503 25	3,604,189 83
123	Lansing Southern Railroad						279,782 52	20,948,900 83
124	Muskegon Traction & Lighting Company		258,456 78				12,624 59	96,784 71
125	Saginaw-Bay City Railway	2,552 67	(d) 22,744 61				205,395 67	1,956,430 06
126	Southern Michigan Railway	437 38	7,169 22				156,137 95	5,879,863 39
127	Toledo, Ottawa Beach & Northern Railway		4,726 13				246,271 54	3,485,313 28
128	Toledo & Western Railroad	79 62	49,517 25				215,016 22	2,282,268 86
							534,283 48	4,412,842 81
	Total	\$397,043 79	\$1,976,762 82	\$10,000 00		\$7,088,448 74	\$7,932,697 19	\$15,031,145 93

(a) Includes light and power renewals, \$39,534.06; also accrued depreciation, miscellaneous physical property, \$23,255.28.

(b) Includes Item 426, Governmental Grants, \$760.00.

(c) Includes Contracts Payable, \$7,500.00.

(d) Includes Item 445, "Accrued Depreciation, Miscellaneous Physical Property," \$26,297.28.

Reverse items appear in italics.

TABLE NO. 2—ROAD AND EQUIPMENT.

No.	Railway.	Investment to December 31, 1908. (1)	Investment from December 31, 1908, to June 30, 1914. (2)	Investment since June 30, 1914.				Total. (7)	Total investment in road and equipment December 31, 1918. (8)
				Ways and structures. (3)	Equipment. (4)	Power. (5)	General and Miscellaneous. (6)		
111	Benton Harbor-St. Joe Railway & Light Co.	\$1,664,834.93	\$757,982.41	\$24,928.95	\$5,334.86	\$17,743.07	\$4,019.00	\$52,025.88	\$2,474,843.22
112	Detroit, Jackson & Chicago Railway	4,100,345.91	511,286.67	256,210.16	3,948.22	73,598.14	2,372.00	188,838.24	4,800,470.82
113	Detroit, Monroe & Toledo Short Line Railway	5,212,885.57	480,601.13	24,467.83	129,382.86	9,083.54	1,302.50	115,301.07	5,808,787.77
114	Detroit & Port Huron Shore Line Railway	5,129,776.02	661,303.49	468,436.66	16,508.22	36,339.04	5,841.00	557,124.92	6,348,204.43
115	Detroit United Railway	34,871,906.79	6,689,592.07	5,439,163.27	2,089,646.90	271,485.63	266,928.71	8,067,224.51	49,628,723.37
116	Detroit, Almont & Northern Railroad		98,674.25	300,455.64	479.23		3,614.00	304,548.87	403,223.12
117	Escanaba Traction Co.		1,252,006.95	10,234.39	11,118.11	186,065.38	28,437.99	235,855.87	1,487,862.82
118	Grand Rapids, Grand Haven & Muskegon Railway	2,709,777.00	135,895.41	114,851.50	85,226.83	8,431.84	8,756.89	217,267.06	3,062,839.47
119	Houghton County Traction Co.	2,069,601.70	104,180.05	22,696.92	449.82	12,011.88	339.54	34,598.52	2,238,380.27
120	Michigan Railway		12,546,021.13	921,945.89	643,216.48	22,915.99	196,387.75	1,784,466.11	14,330,487.24
121	Grand Rapids, Holland & Chicago Railway	2,868,694.00	499,255.73	193,624.49	71,502.61	76,030.00	7,142.00	196,239.10	3,564,188.83
122	Michigan United Railways	11,580,789.63	7,576,570.82	654,094.31	412,550.09	19,328.84	55,659.58	1,102,975.14	20,260,335.59
123	Lansing Southern Railroad		81,060.12						81,060.12
124	Muskegon Traction & Lighting Co.	1,431,550.44	53,402.13	5,914.91	40,070.70	16,600.37		62,585.98	1,547,538.55
125	Saginaw-Bay City Railway		5,154,464.05	189,377.26	39,908.07		14,428.38	243,713.71	5,398,177.76
126	Southern Michigan Railway		3,280,830.68	8,949.66	2,776.99		116.82	11,920.11	3,292,750.79
127	Toledo, Ottawa Beach & Northern Railway	2,065,270.85	14,529.42	8,031.90	31.85	42,151.34		50,215.09	2,151,015.36
128	Toledo & Western Railroad	4,044,598.98	72,374.30	69,534.45	25,824.27	50,073.03	404.34	145,846.09	4,262,813.37
	Total	\$77,801,031.82	\$39,970,030.81	\$8,693,982.53	\$3,576,986.47	\$504,026.77	\$595,750.50	\$13,370,746.27	\$131,141,808.90

(a) Includes gas and electric departments.

Reverse items appear in italic type.

TABLE NO. 2—ROAD AND EQUIPMENT—Concluded.

No.	Railway.	Length of road owned—miles. (9)	Average investment per mile of road. (10)	Length of track owned—miles. (11)	Average investment per mile of track. (12)	Retirements charged to depreciation during year.			Total credits to reserve account for depreciation during year. (16)
						Equipment. (13)	Other debits. (14)	Total. (15)	
111	Barton Harbor-St. Joe Railway & Light Co.	49.69	\$49,805.66	57.12	\$43,327.09				\$2,400.00
112	Detroit, Jackson & Chicago Railway	95.58	48,696.00	110.51	43,439.00				2,400.00
113	Detroit, Monroe & Toledo Short Line Railway	51.97	111,772.00	82.83	70,129.00				2,400.00
114	Detroit & Port Huron Shore Line Railway	111.07	57,155.00	138.22	45,928.00				12,000.00
115	Detroit United Railway	305.59	162,403.00	507.02	97,883.00				
116	Detroit, Almont & Northern Railroad	16.89	23,783.00	19.87	20,292.00				
117	Essanaba Traction Co.	16.35	91,000.78	16.35	91,000.78				25,915.47
118	Grand Rapids, Grand Haven & Muskegon Railway	41.33	74,100.38	43.11	71,041.15	\$4,400.00		\$4,400.00	21,164.37
119	Houghton County Traction Co.	28.24	79,263.00	32.15	69,623.00				
120	Michigan Railway	139.07	103,045.00	156.97	90,656.00		\$20,127.00	20,127.00	78,556.00
121	Grand Rapids, Holland & Chicago Railway	44.67	79,789.00	76.47	46,611.00				
122	Michigan United Railways	230.42	87,929.00	261.24	77,554.00				
123	Lansing Southern Railroad	1.94	41,783.46	2.03	39,931.00				
124	Muskegon Traction & Lighting Co.	14.52		14.52					
125	Saginaw-Bay City Railway	48.06	112,321.00	62.70	86,065.00		9,000.00	9,000.00	20,878.78
126	Southern Michigan Railway	32.05	102,737.62	34.05	96,703.40				1,200.00
127	Toledo, Ottawa Beach & Northern Railway	12.90	166,565.40	16.75	128,280.20				
128	Toledo & Western Railroad	74.91	56,905.88	84.08	50,699.56				6,350.28
	Total	1,315.25	\$99,708.65	1,715.99	\$76,423.41	\$4,400.00	\$29,127.00	\$33,527.00	\$173,264.90

(a) Based on investment in electric light and power departments as well as railway.

TABLE NO. 3—CAPITAL STOCK.

No.	Railways.	Class of stock. (a)	Par value of amount authorized. (b)	Par value of amount nominally issued but not actually issued. (d)	Par value of amount actually issued to close of year. (e)	Par value of total amount received after actual issue and held alive. (g)	Par value of amount actually outstanding at close of year. (h)	Par value of stocks actually issued during present year. (h)	Amount of dividends declared during year.
111	Benton Harbor-St. Joe Railway & Light Co.	Common	\$1,500,000 00		\$900,000 00		\$900,000 00		
112	Detroit, Jackson & Chicago Railway	First preferred	500,000 00		400,000 00		400,000 00		\$24,000 00
113	Detroit, Monroe & Toledo Short Line Railway	Common	614,000 00		614,000 00		614,000 00		139,091 18
		Common	2,581,000 00		2,581,000 00		2,581,000 00		357,201 68
114	Detroit & Port Huron Shore Line Railway	Common	1,900,000 00		1,900,000 00		1,900,000 00		77,492 97
115	Detroit United Railway	First preferred	100,000 00		100,000 00		100,000 00		
116	Detroit, Almont & Northern Railroad	Common	15,000,000 00		15,000,000 00		15,000,000 00		1,200,000 00
		Common	3,000 00		3,000 00		3,000 00		
117	Escanaba Traction Co.	Common	500,000 00		500,000 00		500,000 00		10,000 00
118	Grand Rapids, Grand Haven & Muskegon Railway	Common	1,200,000 00		1,200,000 00		1,200,000 00		6,000 00
119	Houghton County Traction Co.	Common	750,000 00		750,000 00		750,000 00		
120	Michigan Railway	First preferred	500,000 00		207,200 00		207,200 00		12,432 00
		Common	6,000,000 00		4,392,000 00		4,392,000 00		
121	Grand Rapids, Holland & Chicago Railway	Common	500,000 00	\$500,000 00	487,900 00		487,900 00		
122	Michigan United Railways	First preferred	850,000 00	850,000 00	836,800 00		836,800 00		44,889 34
123	Lansing Southern Railroad	Common	1,000,000 00		6,000,000 00		6,000,000 00		60,000 00
		Common	50,000 00		1,000,000 00		1,000,000 00		
		Common	30,000 00		3,100 00		3,100 00		
124	Muskegon Traction & Lighting Co.	Common	600,000 00		600,000 00		600,000 00		3,780 00
125	Saginaw-Bay City Railway	First preferred	100,000 00	37,000 00	83,000 00		83,000 00		
126	Southern Michigan Railway	Common	2,800,000 00		2,800,000 00		2,800,000 00		
127	Toledo, Ottawa Beach & Northern Railway	Common	2,000,000 00		2,000,000 00		2,000,000 00		
128	Toledo & Western Railroad	Common	1,500,000 00		1,500,000 00		1,500,000 00		
		Common	2,000,000 00		2,000,000 00		2,000,000 00		
	Total		\$48,350,000 00	\$1,387,000 00	\$45,540,000 00		\$45,540,000 00		\$1,934,887 17

TABLE NO. 4—UNMATURED FUNDED DEBT.

No.	Railway.	Class and amount actually outstanding.		Amount nominally but not actually issued.		Reacquired after actual issue and held alive by or for respondent.		Interest during year on actually outstanding debt.		Par value of evidences of debt actually issued during present year. (9)
		Mortgage bonds. (1)	Collateral trust bonds. (2)	Held by respondent unencumbered. (3)	Pledged or otherwise encumbered. (4)	Unencumbered. (5)	Pledged or otherwise encumbered. (6)	Interest accrued. (7)	Interest paid. (8)	
111	Benton Harbor-St. Joe Ry. & Lt. Co.	\$1,438,500 00						\$71,983 34	\$71,891 33	\$6,000 00
112	Detroit, Jackson & Chicago Railway	4,000,000 00						192,900 00	192,900 00	
113	Detroit, Monroe & Toledo Short Line Ry.	3,000,000 00						150,000 00	150,000 00	
114	Detroit & Port Huron Shore Line Ry.	2,890,000 00						139,500 00	139,500 00	
115	Detroit United Ry.	21,625,000 00	\$4,500,000 00	\$715,000 00	\$2,625,000 00	\$35,000 00		1,319,516 29	1,319,516 29	4,500,000 00
116	Detroit, Almont & Northern R. R.	400,000 00								
117	Escanaba Traction Co.	740,000 00							37,500 00	
118	Gd. Rapids, Gd. Haven & Muskegon Ry.	1,500,000 00						75,000 00	75,000 00	
119	Houghton County Traction Co.	985,500 00		24,500 00		83,000 00		49,296 25	49,296 25	
120	Michigan Railway	(a) 6,500,000 00			8,125,000 00			390,000 00	390,000 00	
121	Gd. Rapids, Holland & Chicago Ry.	1,475,000 00		575,000 00				73,750 00	73,750 00	
122	Michigan United Railways.	12,444,000 00			673,000 00			622,399 60	622,399 60	30,000 00
123	Lansing Southern R. R.									
124	Muskegon Traction & Lighting Co.	(b) 600,000 00							30,000 00	
125	Saginaw-Bay City Ry.	2,441,000 00						122,800 03	122,800 00	79,000 00
126	Southern Michigan Ry.	1,150,000 00		44,000 00			\$85,000 00	57,499 95	57,500 00	
127	Toledo, Ottawa Beach & Northern Ry.	450,000 00				* 50,000 00		22,500 00	5,000 00	
128	Toledo & Western R. R.	2,000,000 00						96,999 96	75,000 00	
	Total	\$63,639,000 00	\$4,500,000 00	\$1,358,500 00	\$11,423,000 00	\$188,000 00	\$85,000 00	\$3,367,349 17	\$3,412,053 47	\$4,615,000 00

(a) Five year gold notes.

(b) Includes gas and electric departments.

TABLE NO. 5—PROFIT AND LOSS.

No.	Railway.	Credits.						Debits.	
		Credit balance at beginning of fiscal period. (301)	Credit balance transferred from income account. (302)	Profit on road and equipment sold. (303)	Delayed income credits. (304)	Miscellaneous credits. (306)	Total credits.	Debit balance at beginning of fiscal period. (308)	Debit balance transferred from income account.
111	Benton Harbor-St. Joe Railway & Light Co.	\$83,778 46	\$27,249 55				\$121,028 01		
112	Detroit, Jackson & Chicago Railway	139,091 18	139,091 18				139,091 18		
113	Detroit, Monroe & Toledo Short Line Railway	357,201 68	357,201 68				357,201 68		
114	Detroit & Port Huron Shore Line Railway	77,492 97	77,492 97				77,492 97		
115	Detroit United Railway	7,978,243 26	1,944,584 24				9,922,827 50		
116	Detroit, Almont & Northern Railroad								
117	Escanaba Traction Company	149,476 06	19,928 67				169,404 73		
118	Grand Rapids, Grand Haven & Muskegon Railway	18,167 65	25,580 40			\$236 56	43,984 61		
119	Houghton County Traction Company	162,283 01	55,130 92			1,186 67	218,600 60		
120	Michigan Railway					23,906 00	23,906 00	\$168,932 54	\$422,039 64
121	Grand Rapids, Holland & Chicago Railway							34,503 23	
122	Michigan United Railways	279,781 89	104,989 34			63	384,471 86		
123	LaSalle Southern Railroad	11,889 49	735 10				12,624 59		
124	Muskegon Traction & Lighting Company	200,792 62	8,383 05				209,175 67		
125	Saginaw-Bay City Railway							15,055 94	141,082 01
126	Southern Michigan Railway	230,625 26	13,772 95			1,873 33	246,271 54		
127	Toledo, Ottawa Beach & Northern Railway	227,419 65	12,403 43				215,016 22	463,528 92	70,764 56
128	Toledo & Western Railroad								
	Total	\$9,352,457 35	\$2,761,436 62			\$27,203 19	\$12,141,097 16	\$682,020 63	\$633,876 21

Reverse items appear in italic type.

FIRST ANNUAL REPORT

TABLE NO. 5—PROFIT AND LOSS—Concluded.

No.	Railway.	Debits.						Balance carried to balance sheet.	
		Dividend appropriation of surplus. (310)	Debit discount extinguished through surplus. (313)	Miscellaneous appropriations of surplus. (314)	Delayed income debits. (316)	Miscellaneous debits. (317)	Total debits.	Debit.	Credit.
111	Benton Harbor-St. Joe Railway & Light Company.....	\$24,000 00		\$6,118 24			\$30,118 24		\$90,900 77
112	Detroit, Jackson & Chicago Railway.....	139,091 18					139,091 18		
113	Detroit, Monroe & Toledo Short Line Railway.....	357,201 68					357,201 68		
114	Detroit & Port Huron Shore Line Railway.....	77,492 97					77,492 97		
115	Detroit United Railway.....	1,200,000 00	\$315,000 00	600,000 00			2,115,000 00		7,807,827 50
116	Detroit, Almont & Northern Railroad.....								
117	Escanaba Traction Company.....	10,255 00					10,255 00		159,149 73
118	Grand Rapids, Grand Haven & Muskegon Railway.....	6,000 00		396 50			6,396 50		37,588 11
119	Houghton County Traction Company.....	12,432 00		10,822 50		\$1,095 00	(a) 48,478 25		170,122 35
120	Michigan Railway.....						590,972 18	\$567,066 18	
121	Grand Rapids, Holland & Chicago Railway.....							34,568 23	
122	Michigan United Railways.....	104,689 34					104,689 34		279,782 52
123	Lansing Southern Railroad.....								12,624 59
124	Muskegon Traction & Lighting Company.....	3,780 00					3,780 00		205,395 67
125	Saginaw-Bay City Railway.....							156,137 95	
126	Southern Michigan Railway.....								246,271 54
127	Toledo, Ottawa, Beach & Northern Railway.....								215,016 22
128	Toledo & Western Railroad.....						534,283 48	534,283 48	
	Total.....	\$1,934,942 17	\$315,000 00	\$617,337 24		\$1,095 00	\$4,208,400 00	\$1,201,900 84	\$9,224,688 00

(a) Includes Item 309, appropriation of surplus to sinking funds and other reserves, \$94,128.75.

TABLE NO. 6—INCOME STATEMENT FOR THE YEAR.

No.	Railway.	Operating income.						Non-operating income.		Net income from miscellaneous physical property. (205)
		Railway operating revenues. (201)	Railway operating expenses. (213)	Net revenue railway operations.	Net revenue auxiliary operations.	Net operating revenue.	Taxes assignable to railway operations. (215)	Operating income.	Miscellaneous rent income. (204)	
111	Benton Harbor-St. Joe Ry. & Lt. Co.	\$252,079 83	\$212,119 90	\$39,959 93	\$96,457 72	\$136,477 65	\$24,956 17	\$111,471 48		\$37 00
112	Detroit, Jackson & Chicago Ry.	1,227,695 77	860,919 73	366,776 04		366,776 04	33,034 14	333,741 90		
113	Detroit, Monroe & Toledo Short Line Ry.	1,236,303 03	643,060 34	593,242 69		593,242 69	84,065 51	509,177 18		
114	Detroit & Port Huron Shore Line Ry.	1,228,333 72	948,320 88	280,012 84		280,012 84	58,609 48	221,403 36		
115	Detroit United Railway.	15,363,111 90	12,063,179 85	3,279,932 05		3,279,932 05	580,364 62	2,699,567 43		
117	Escanaba Traction Company.	185,413 77	104,713 22	80,700 55		80,700 55	23,189 48	57,511 07		
118	Gd. Rapids, Gd. Haven & Muskegon Ry.	473,067 06	328,039 56	145,027 50		145,027 50	23,409 21	121,618 29		
119	Houghton County Traction Co.	317,708 87	189,778 13	127,930 84		127,930 84	25,709 45	102,221 39		
120	Michigan Railway.	4,061,908 83	2,838,769 03	1,223,139 90		1,223,139 90	84,240 00	1,138,899 90		
121	Gd. Rapids, Holland & Chicago Ry.									
122	Michigan United Railways.							87,072 66	\$87,072 66	
123	Lansing Southern R. R.		1,411 91	1,411 91		1,411 91		1,411 91		
124	Muskegon Traction & Lighting Co.	276,564 15	216,179 00	60,385 15		60,385 15	15,476 35	44,908 80	\$21,510 78	
125	Saginaw-Bay City Ry.	577,087 51	516,228 10	60,859 41		66,246 37	34,079 14	32,167 23		
126	Southern Michigan Ry.	209,642 43	125,364 16	84,278 27		84,278 27	11,639 19	72,639 08		
127	Toledo, Ottawa Beach & Northern Ry.	115,607 74	103,217 17	12,390 57		14,524 62	4,391 52	10,133 10		
128	Toledo & Western R. R.	391,850 90	340,253 77	51,597 13		64,907 24	15,716 27	49,190 97		
	Total.	\$25,916,375 71	\$19,511,554 75	\$6,404,820 96	\$117,298 84	\$6,523,531 71	\$1,105,953 19	\$5,416,166 61	\$21,510 78	\$37 00

Reverse items appear in italic type.

FIRST ANNUAL REPORT

TABLE NO. 6—INCOME STATEMENT FOR THE YEAR—Continued.

No.	Railway.	Non-operating income.					Total non-operating income.	Gross income.
		Dividend income. (206)	Income from funded securities. (207)	Income from unfunded securities and accounts. (208)	Income from sinking fund and other reserves. (209)	Contributions from others. (211)	Miscellaneous income. (212)	
111	Benton Harbor-St. Joe Railway & Light Co.							\$111,923 51
112	Detroit, Jackson & Chicago Railway.							333,711 90
113	Detroit, Monroe & Toledo Short Line Railway.							909,177 13
114	Detroit & Fort Huron Shore Line Railway.							221,403 98
115	Detroit United Railway.	\$536,291 76	52,985 00	7,095 39				3,386,859 98
117	Escanaba Traction Co.							57,511 07
118	Grand Rapids, Grand Haven & Muskegon Railway.							122,722 23
119	Houghton County Traction Co.							104,659 27
120	Michigan Railway.							1,144,882 51
121	Grand Rapids, Holland & Chicago Railway.							140,598 41
122	Michigan United Railways.							728,671 04
123	Lansing Southern Railroad.							1,592 78
124	Muskegon Traction & Lighting Co.							67,460 94
125	Saginaw-Bay City Railway.							23,823 00
126	Southern Michigan Railway.							72,659 98
127	Toledo, Ottawa Beach & Northern Railway.							10,421 83
128	Toledo & Western Railroad.							49,200 51
	Total.	\$536,291 76	\$53,020 00	\$15,857 45	\$1,060 96		\$2,497 44	\$7,105,698 80

(a) Item 203, "Income from lease of road."

(b) Item 203, "Income from lease of road."

(c) Item 203, "Income from lease of road."

TABLE NO. 6—INCOME STATEMENT FOR THE YEAR—Concluded.

No.	Railway.	Deductions from gross income.							Income balance transferred to profit and loss.
		Rent for leased road. (216)	Miscellaneous taxes. (218)	Interest on funded debt (220)	Interest on unfunded debt. (221)	Amortization of discount on funded debt. (222)	Income transferred to other companies. (223)	Miscellaneous debits. (225)	Total deductions from gross income.
111	Benton Harbor-St. Joe Ry. & Lt. Co.	\$2,000 00		\$71,891 26	\$5,862 32	\$3,802 32		\$1,017 99	\$84,573 98
112	Detroit, Jackson & Chicago Ry.			102,800 00				1,750 72	184,650 72
113	Detroit, Monroe & Toledo Short Line Ry.			150,000 00				1,975 50	151,975 50
114	Detroit & Fort Huron Shore Line Ry.			139,500 00	1,968 70			2,441 68	143,910 39
115	Detroit United Railway	24,000 00		1,319,516 29	93,703 69			14,115 36	1,461,335 34
117	Essanah Traction Co.			37,500 00	82 44				37,582 44
118	Gd. Rapids, Gd. Haven & Muskegon Ry.			75,000 00	21,625 03			86,042 03	96,580 40
119	Houghton County Traction Co.			49,296 25	1,152 10			49,448 35	55,130 92
120	Michigan Ry.	956,342 11		390,900 00	220,680 04			1,567,022 15	452,759 64
121	Gd. Rapids, Holland & Chicago Ry.		\$16,608 83	73,750 00	56,239 58			140,598 41	140,598 41
122	Michigan United Railways			622,399 50	510 54				623,910 04
123	Lansing Southern R. R.		767 68					1,071 56	104,089 34
124	Muskegon Traction & Lighting Co.			30,000 00	11,077 89			18,000 00	767 68
125	Saginaw-Bay City Ry.			112,721 14	50,904 04	3,468 03		(a) 174,906 61	59,077 89
126	Southern Michigan Ry.			57,459 93	1,341 18			25 00	(a) 174,906 61
127	Toledo, Ottawa Beach & Northern Ry.		290 30	22,534 96					58,866 13
128	Toledo & Western R. R.		2,952 51	99,999 96	16,962 40				13,772 95
									22,825 26
									119,964 87
	Total	\$982,342 11	\$20,659 32	\$3,444,509 48	\$475,130 95	\$7,270 35		\$40,397 82	\$4,978,118 43
									\$27,249 55
									339,091 18
									567,201 05
									17,492 97
									1,944,604 24
									19,928 63
									25,580 40
									55,130 92
									452,759 64
									104,089 34
									735 10
									8,383 05
									147,038 01
									13,772 95
									12,405 45
									70,764 66

(a) Includes Item 217, "Miscellaneous rents," \$7,808.40.
Reverse items appear in italic type.

FIRST ANNUAL REPORT

TABLE NO. 7—RAILWAY OPERATING REVENUES.

No.	Railway.	Revenue from transportation.							
		Passenger revenue. (101)	Baggage revenue. (102)	Parlor, sleeping and special car revenue. (103)	Mail revenue. (104)	Express revenue. (105)	Milk revenue. (106)	Freight revenue. (107)	Switching revenue. (108)
111	Benton Harbor-St. Joe Railway & Light Co.	\$200,768 71	\$959 22	\$662 72	\$250 00	\$2,752 06	\$3,005 30	\$27,495 77	.....
112	Detroit, Jackson & Chicago Railway	685,710 12	1,105 25	2,013 04	.....	5,611 10	13,430 15	273,942 54	\$235 00
113	Detroit, Monroe & Toledo Short Line Railway	935,410 11	2,530 41	2,102 20	.....	17,733 75	6,813 45	165,557 15	95 00
114	Detroit & Fort Huron Shore Line Railway	933,159 02	8,503 43	4,184 80	7,193 82	3,089 11	38,166 57	147,746 99	90 00
115	Detroit United Railway	14,945,018 45	2,675 04	30,468 99	4,504 26	4,355 91	76,626 29	465,765 38	16 00
117	Escanaba Traction Co.	92,761 45	492 05	.....	1,253 72	335 67	.....	2,930 37	.....
118	Grand Rapids, Grand Haven & Muskegon Railway	324,918 08	(a) 98 40	1,451 25	3,013 67	13,692 97	.....	125,210 73	.....
119	Houghton County Traction Co.	306,956 84	.....	.....	1,014 67	2,173 60	.....	.....	.....
120	Michigan Railway	3,400,253 61	23,705 19	13,875 15	3,083 19	35,698 83	20,704 74	518,510 27	83 40
121	Grand Rapids, Holland & Chicago Railway	.....	.....	.....	.....	.....	.....	.....	.....
122	Michigan United Railways	.....	.....	.....	.....	.....	.....	.....	.....
123	Lansing Southern Railroad	.....	1,235 40	68 00	.....	.....	.....	.....	.....
124	Muskegon Traction & Lighting Co.	270,620 25	563 21	1,898 14	199 82	.....	.....	3,683 37	.....
125	Saginaw-Bay City Railway	586,799 21	781 22	419 80	994 64	3,448 94	1,453 11	30,983 03	.....
126	Southern Michigan Railway	170,550 75	108 50	684 00	.....	.....	1,104 51	902 00	.....
127	Toledo, Ottawa Beach & Northern Railway	113,275 83	283 64	357 48	5,228 04	2,351 64	11,867 69	178,461 14	398 61
128	Toledo & Western Railroad	184,867 59	.....	.....	.....	.....	.....	.....	.....
	Total	\$22,976,218 72	\$42,070 96	\$58,187 58	\$27,646 13	\$91,183 67	\$178,220 90	\$1,951,197 74	\$688 01

(a) Included in express revenue.

TABLE NO. 7—RAILWAY OPERATING REVENUES—Continued.

No.	Railway.	Revenue from transportation.		Revenue from other railway operations.				
		Miscellaneous. (109)	Total.	Station and car privileges. (110)	Paid-room receipts. (111)	Storage. (112)	Demurrage. (113)	Telephone and telegraph service. (114)
111	Benton Harbor-St. Joe Railway & Light Co.	\$212 05	\$245,405 92	\$522 68	\$98 00	.....	\$835 00	.....
112	Detroit, Jackson & Chicago Railway	1,745 40	1,183,801 99	5,268 59	286 70	.....	378 83	.....
113	Detroit, Monroe & Toledo Short Line Railway	3,441 54	1,188,139 84	3,268 46	.....	.....	.....	.....
114	Detroit & Fort Huron Shore Line Railway	3,884 22	1,178,109 99	6,636 20	750 42	.....	1,273 00	.....
115	Detroit United Railway	12,064 95	16,139,325 27	103,662 46	11,930 90	870 92	1,028 00	.....
117	Escanaba Traction Co.	22 46	87,804 72	300 00	.....	.....	.....	.....
118	Grand Rapids, Grand Haven & Muskegon Railway	.....	467,640 47	1,201 02	.....	.....	.....	.....
119	Houghton County Traction Co.	.....	314,624 86	1,111 80	.....	.....	.....	.....
120	Michigan Railway	.....	4,021,879 88	13,754 60	478 85	789 68	734 80	.....
124	Muskegon Traction & Lighting Co.	.....	271,923 65	560 00	.....	.....	.....	.....
125	Saginaw Bay City Railway	383 25	543,257 10	2,274 88	.....	.....	.....	.....
126	Southern Michigan Railway	.....	208,441 49	509 44	51 50	.....	.....	.....
127	Toledo, Ottawa Beach & Northern Railway	.....	115,074 84	532 80	.....	.....	.....	.....
128	Toledo & Western Railroad	1,875 32	386,624 15	714 98	.....	61 50	3,301 00	.....
	Total	\$25,739 09	\$25,351,352 80	\$140,239 60	\$13,605 27	\$3,387 76	\$5,828 43	.....

Reverse items appear in italic type.

TABLE NO. 8—RAILWAY OPERATING EXPENSES.

No.	Railway.	Ways and structures. (I)	Equipment. (II)	Power. (III)	Conducting transportation. (IV)	Traffic. (V)	General and miscellaneous. (VI)	Transportation for investment. (VII)	Grand total.	Operating ratio Per cent.
111	Benton Harbor-St. Joe Ry. & L. Co.	\$41,002 64	\$20,468 20	\$43,456 00	\$72,136 64	\$4,936 97	\$30,119 45	.....	\$212,119 90	73.13
112	Detroit, Jackson & Chicago Ry.	178,187 90	69,165 02	98,131 77	353,201 79	4,598 34	157,624 91	.....	860,919 73	70.16
113	Detroit, Monroe & Toledo Short Line Ry.	95,804 71	51,109 68	139,621 73	219,337 99	5,184 40	132,001 83	.....	643,060 34	52.01
114	Detroit & Port Huron Shore Line Ry.	191,743 79	98,683 52	211,337 52	348,058 01	6,307 12	92,190 92	.....	948,320 88	77.22
115	Detroit United Railway	1,310,676 02	2,195,828 58	1,650,771 15	5,400,610 85	89,244 25	1,436,049 00	.....	12,083,179 85	78.65
117	Escanaba Traction Co.	24,801 44	20,153 99	29,217 21	19,698 78	.....	10,841 80	.....	104,713 23	56.47
118	Gd. Rapids, Gd. Haven & Muskegon Ry.	40,176 75	58,656 38	40,214 88	102,464 74	7,987 07	78,529 74	.....	328,039 56	69.34
119	Houghton County Traction Co.	27,228 12	13,705 17	47,051 95	61,706 09	2,709 53	37,377 27	.....	189,778 13	59.70
120	Michigan Railway	379,948 47	535,310 77	350,334 60	1,175,751 05	39,884 07	357,540 07	.....	2,838,769 03	69.88
123	Lansing Southern Railroad	.....	.....	.....	1,411 91	.....	.....	.....	1,411 91	48.44
124	Muskegon Traction & Lighting Co.	21,818 30	31,966 12	29,524 11	107,670 61	.....	25,198 86	.....	216,179 00	78.17
125	Saginaw-Bay City Ry.	47,239 90	77,484 37	78,772 94	230,863 91	5,217 96	76,649 02	.....	516,228 10	89.45
126	Southern Michigan Ry.	17,431 47	12,831 59	31,495 94	36,089 29	988 53	26,527 34	.....	125,364 16	59.79
127	Toledo, Ottawa Beach & Northern Ry.	21,101 39	.....	12,792 73	28,008 92	4,377 32	36,936 81	.....	103,217 17	89.28
128	Toledo & Western R. R.	65,087 92	31,631 82	59,341 16	108,701 34	4,502 54	71,018 99	.....	340,253 77	86.83
	Total	\$2,462,228 82	\$3,216,995 21	\$2,822,063 69	\$8,265,711 92	\$175,948 10	\$2,568,607 01	.....	\$19,511,554 75	75.28

TABLE NO. 9—MILES OF ROAD OPERATED AT CLOSE OF YEAR (SINGLE TRACK).

No.	Railway.	Line owned.		Line of proprietary companies.	Line operated under lease.	Line operated under contract, etc.	Line operated under trackage rights.	Total mileage operated.	
		Main line.	Branches and spurs.					Michigan.	Entire line.
111	Benton Harbor-St. Joe Railway & Light Co.	46 69			3 00			49 69	49 69
112	Detroit, Jackson & Chicago Railway	98 58						98 58	98 58
113	Detroit, Monroe & Toledo Short Line Railway	51 97				3 64		49 13	55 63
114	Detroit & Port Huron Shore Line Railway	111 07						111 07	111 07
115	Detroit United Railway	305 59				24 12		329 71	329 71
117	Escanaba Traction Co.	14 013	2 337					16 35	16 35
118	Grand Rapids, Grand Haven & Muskegon Railway	33 068	8 267				6 32	47 665	47 665
119	Houghton County Traction Co.	28 24						28 24	28 24
120	Michigan Railway	142 83	14 04		337 71			494 58	494 58
124	Muskegon Traction & Lighting Co.	12 91						12 91	12 91
125	Saginaw-Bay City Railway	48 06						48 06	48 06
126	Southern Michigan Railway	32 05					2 74	28 98	34 79
127	Toledo, Ottawa Beach & Northern Railway	16 21	54				4 92	11 44	21 67
128	Toledo & Western Railroad	74 91				5 40		24 66	80 31
	Total	1,016 29	25 19		340 71	33 16	13 98	1,351 14	1,429 34

TABLE NO. 9—MILES OF ROAD OPERATED AT CLOSE OF YEAR—(ALL TRACKS)—Concluded.

No.	Railway.	Total mileage operated.							New line— miles constructed during year.
		Interurban and suburban (First main track).		City lines— Michigan. First main track-miles.	Miles of second main track.	Miles of sidings and turnouts.	Miles of tracks in shops and carhouses.	Total miles of track.	
		Michigan.	Entire line.						
111	Benton Harbor-St. Joe Railway & Light Co.	39 33	39 33	10 36	4 73	5 70	.....	60 12	.....
112	Detroit, Jackson & Chicago Railway	95 03	95 03	3 55	4 26	6 09	1 58	110 51	.....
113	Detroit, Monroe & Toledo Short Line Railway	49 13	55 61	.....	26 42	4 62	3 46	90 11	.....
114	Detroit & Port Huron Shore Line Railway	59 77	99 77	11 30	9 84	15 21	2 10	138 22	.....
115	Detroit United Railway	172 49	172 49	157 22	149 74	29 34	21 80	540 59	.....
117	Escanaba Traction Co.	12 453	12 453	1 56	1 36	952	.025	16 35	.....
118	Grand Rapids, Grand Haven & Muskegon Railway	47 655	47 655	.....	.....	1 78	.507	49 942	.....
119	Houghton County Traction Co.	28 24	28 24	.....	2 88	41	.62	32 15	.....
120	Michigan Railway	324 05	324 05	90 11	52 54	27 98	.....	494 68	.....
124	Muskegon Traction & Lighting Co.	10 313	10 313	2 61	.555	1 146	.....	14 624	.....
125	Saginaw-Bay City Railway	10 11	10 11	37 95	14 24	.40	.....	62 70	.....
126	Southern Michigan Railway	28 96	34 79	.....	.85	.86	.37	36 87	.....
127	Toledo, Ottawa Beach & Northern Railway	11 44	17 28	.....	8 77	.54	.....	26 59	.....
128	Toledo & Western Railroad	24 66	80 31	.....	3 90	9 17	.....	93 38	.....
	Total	953 631	1,027 411	314 66	280 085	104 198	40 462	1,766 84	.....

TABLE NO. 10—MILEAGE, TRAFFIC, AND MISCELLANEOUS STATISTICS.

No.	Railway.	Car mileage.		Car hours.			Passengers carried.			
		Passenger. (1)	Freight, mail and express. (2)	Total. (3)	Passenger. (4)	Freight, mail and express. (5)	Total. (6)	Regular fare passengers. (7)	Revenue transfer passengers. (8)	Total revenue passengers. (9)
1111	Benton Harbor-St. Joe Ry. & Lt. Co.	894,658	45,146	939,804	86,269	10,131	96,400	5,905,350		5,905,350
1112	Detroit, Jackson & Chicago Ry.	2,110,381	193,830	2,304,211	152,971	35,475	188,446	4,448,874		4,448,874
1113	Detroit, Monroe & Toledo Short Line Ry.	1,447,703	232,502	1,680,205	75,841	21,806	97,149	3,298,408		3,298,408
1114	Detroit & Port Huron Shore Line Ry.	2,827,063	209,243	2,836,306	193,998	38,612	237,580	7,618,150		7,618,150
1115	Detroit United Ry.	45,302,205	716,022	46,018,227	4,856,313	73,770	4,930,083	298,008,536		298,008,536
1117	Pecanaba Traction Co.	304,059	16,500	320,559	36,409	625	37,034	1,127,561		1,127,561
1118	Gd. Rapids Gd. Haven & Muskegon Ry.	634,974	166,202	801,176	53,370	11,656	64,986	1,126,801		1,126,801
1119	Houghton County Traction Co.	730,172		730,172	63,348		63,348	6,186,089		6,186,089
1120	Michigan Railway.	9,098,294	921,883	10,020,177	815,768	61,650	877,418	32,174,554		32,174,554
1124	Muskegon Traction & Lighting Co.	951,113	15,800	966,913	114,089	1,600	116,289	5,564,800		5,564,800
1125	Saginaw-Bay City Ry.	2,497,384		2,497,384	283,741		283,741	10,448,353		10,448,353
1126	Southern Michigan Ry.	371,273	64,515	435,788	18,614	2,780	21,394	839,052		839,052
1127	Toledo, Ottawa Beach & Northern Ry.	434,017	6,294	440,281	20,442	1,032	21,494	1,777,360		1,777,360
1128	Toledo & Western R. R.	557,140	186,815	743,955	30,094	17,140	47,234	897,014		897,014
	Total	67,980,436	2,774,722	70,755,158	6,808,797	275,799	7,084,506	379,441,505		379,441,505

TABLE NO. 10—MILEAGE, TRAFFIC AND MISCELLANEOUS STATISTICS—Continued.

No.	Railway.	Passengers carried.		Employees and others carried free. (12)	Passenger Revenue. (13)	Average fare from revenue passengers. (14)	Average fare all passengers including transfer passengers. (15)	Total revenue from transportation. (16)	Revenue from transportation per car-mile. (17)	Revenue from transportation per car-hour. (18)
		Free transfer passengers. (10)	Total. (11)							
111	Benton Harbor-St. Joe Ry. & Lt. Co.	483,693	6,389,043	224,451	\$200,798 71	\$0 034	\$0 0315	\$245,405 92	\$0 261	\$2,5457
112	Detroit, Jackson & Chicago Ry.	6,458	4,455,332	90,161	885,719 12	199	19881	1,183,801 66	5138	6 28341
113	Detroit, Monroe & Toledo Short Line Ry.		3,298,498	56,502	989,810 11	30012	30012	1,186,139 54	70722	12 22994
114	Detroit & Port Huron Shore Line Ry.	489,388	8,107,538	208,425	963,159 02	12617	11880	1,178,109 96	41541	4 96041
115	Detroit United Railway	102,112,471	400,121,007	6,993,749	14,543,018 45	0488	03634	15,139,505 27	32899	3 07089
117	Escanaba Traction Co.	58,428	1,183,989	32,766	82,761 49	07339	08978	87,804 76	27391	2 37092
118	Gd. Rapids, Gd. Haven & Muskegon Ry.		1,126,804	8,678	324,918 08	28835	28835	467,640 45	58369	7 19601
119	Houghton County Traction Co.		6,400,285	60,209	309,956 54	05010	04843	314,624 67	41940	4 81460
120	Michigan Railway	3,877,157	36,051,711		3,400,253 61	10568	09431	4,021,979 38	40137	4 58369
124	Muskegon Traction & Lighting Co.	658,762	6,243,552	18,532	270,620 25	04846	04334	271,923 65	26123	2 23334
125	Saginaw-Bay City Ry.	2,168,450	12,616,803		536,799 21	05137	04254	543,257 10	21753	1 91462
126	Southern Michigan Ry.	11,635	850,687	21,239	170,350 75	20303	20025	208,441 49	47826	9 74298
127	Toledo, Ottawa Beach & Northern Ry.	199,955	1,977,315	34,979	113,275 83	06373	06729	115,074 84	26136	5 35377
128	Toledo & Western R. R.		897,014	42,598	184,807 59	206	206	385,624 15	51834	8 6091
	Total	110,279,983	489,721,498	7,802,289	\$22,076,218 76	\$0 06055	\$0 04487	\$25,351,332 84	\$0 35829	\$3 57837

TABLE NO. 10.—MILEAGE, TRAFFIC AND MISCELLANEOUS STATISTICS—Concluded.

No.	Railway.	Total revenue from other railway operations. (19)	Revenue from other railway operations per car-mile. (20)	Revenue from other railway operations per car-hour. (21)	Total operating revenues. (22)	Operating revenues per car-mile. (23)	Operating revenues per car-hour. (24)	Total operating expenses. (25)	Operating expenses per car-mile. (26)	Operating expenses per car-hour. (27)
111	Benton Harbor-St. Joe Ry. & Lt. Co.	\$6,673 91	\$0 00710	\$0 0692	\$252,079 83	\$0 2682	\$2 615 -	\$212,119 90	\$0 2257	\$2 2004
112	Detroit, Jackson & Chicago Ry.	43,894 11	.01905	23298	1,227,685 77	.53285	6 51639	860,919 73	.37366	4 56963
113	Detroit, Monroe & Toledo Short Line Ry.	48,163 49	.02866	49575	1,236,303 03	.73588	12 72569	643,060 34	.38277	6 61924
114	Detroit & Port Huron Shore Line Ry.	50,223 76	.01771	21146	1,228,333 72	.43312	5 17187	948,320 88	.33438	3 99292
115	Detroit United Railway	223,586 63	.00435	04535	15,363,091 90	.33384	3 11624	12,083,179 85	.26237	2 45095
117	Escanaba Traction Co.	97,609 05	.30449	2 63566	185,413 81	.57840	5 00658	104,713 22	.32665	2 82748
118	Gd. Rapids, Gd. Haven & Muskegon Ry.	5,426 61	.00677	.08350	473,067 06	.59046	7 27952	328,039 56	.40944	5 04874
119	Houghton County Traction Co.	3,084 30	.00411	.04719	317,708 97	.42351	4 86180	189,778 13	.25297	2 90412
120	Michigan Railway	39,929 55	.00393	04550	4,061,908 93	.40537	4 62934	2,838,769 03	.28330	3 23536
124	Muskegon Traction & Lighting Co.	4,640 50	.00480	.03990	276,564 15	.28603	2 37825	216,179 00	.22358	1 85898
125	Saginaw-Bay City Ry.	33,830 41	.01354	11923	577,087 51	.23107	2 03385	516,228 10	.20670	1 81936
126	Southern Michigan Railway	1,200 94	.00275	.05613	209,642 43	.45807	9 79912	125,364 16	.28767	5 85977
127	Toledo, Ottawa Beach & Northern Ry.	532 90	.00121	.02479	115,807 74	.26259	5 37856	103,217 17	.50493	4 80213
128	Toledo & Western R. R.	6,226 75	.00836	1 3184	391,850 90	.52671	8 2959	340,253 77	.4573	7 2036
	Total	\$565,022 91	\$0 00798	\$0 07975	\$25,916,355 75	\$0 36626	\$3,658 12	\$19,510,142 84	\$0 27574	\$2 75388

TABLE NO. 12—EMPLOYEES.

No.	Railway.	General administration.		Maintenance of way and structures.		Maintenance of equipment.		Power.		Transportation.		Total employees.	Aggregate salaries and wages paid for year.
		General officers.	General office clerks.	Superintendent.	Other employees.	Superintendent.	Other employees.	Superintendent.	Other employees.	Superintendent.	Other employees.		
111	Benton Harbor-St. Joe Railway & Light Co.	5	7	1	23	1	9	1	5	1	110	163	\$143,408 48
112	Detroit, Jackson & Chicago Railway Co.			2	92		27			2	156	279	396,540 47
113	Detroit, Monroe & Toledo Short Line Railway Co.			1	50		14	1	20	1	86	173	273,074 63
114	Detroit & Port Huron Shore Line Railway Co.			1	100		31	1	34	3	212	382	527,703 44
115	Detroit United Railway	25	200	1	681	1	890	1	124	25	3,658	5,606	7,593,183 94
117	Escanaba Traction Co.	1	4	1	10	1	6		8	1	17	49	45,797 59
118	Grand Rapids, Grand Haven & Muskegon Railway Co.	4	7	2	34	1	38		5	1	90	182	176,224 38
119	Houghton County Traction Co.	3	6	1	19	1	17	1	14	4	45	111	(a) 120,126 00
120	Michigan Railway Co.	22	105	1	294	1	276			7	998	1,704	1,657,766 56
121	Grand Rapids, Holland & Chicago Railway Co.												
122	Michigan United Railways Co.	3										3	
123	Lansing Southern Railroad Co.												
124	Muskegon Traction & Lighting Co.	3	3	1	12	1	15		2		2	2	1,411 91
125	Saginaw-Bay City Railway Co.	10	15	1	19		127			1	100	138	137,812 30
126	Southern Michigan Railway Co.	3	5	1	6			1		1	257	431	338,627 41
127	Toledo, Ottawa Beach & Northern Railway Co.						5		6		26	50	43,917 89
128	Toledo & Western Railroad Co.	4	9		36	1	17		19	1	56	62	44,901 92
											89	176	178,877 93
	Total	83	361	14	1,376	11	1,472	6	237	49	5,902	9,511	\$11,679,404 85

(a) Includes \$3,498.27 paid to men in the office of Stone & Webster, general managers, a part of whose time is given to this company's business.

TABLE NO. 13—DESCRIPTION OF EQUIPMENT.

No.	Railway.	With electric equipment.				Without electric equipment.				Total passenger cars. (9)
		Closed cars. (1)	Open cars. (2)	Combination. (3)	Total. (4)	Closed cars. (5)	Open cars. (6)	Combination. (7)	Total. (8)	
111	Benton Harbor-St. Joe Railway & Light Co.	23	7	12	42			1	1	43
112	Detroit, Jackson & Chicago Railway Co.	37			37					37
113	Detroit, Monroe & Toledo Short Line Railway Co.	39			39					39
114	Detroit & Port Huron Shore Line Railway Co.	57	26		83					83
115	Detroit United Railway	1,310	35		1,345	221	106		327	1,672
117	Escanaba Traction Co.	9			9			4	4	13
118	Grand Rapids, Grand Haven, & Muskegon Railway Co.	17	2	4	23					23
119	Houghton County Traction Co.	23			23					23
120	Michigan Railway Co.	217	37		254	11			11	265
121	Grand Rapids, Holland & Chicago Railway Co.	19	3		22	3			3	25
122	Michigan United Railways Co.	141	34		175	4			4	179
123	Lansing Southern Railroad Co.									
124	Muskegon Traction & Lighting Co.	26	3		29		16		24	53
125	Saginaw-Bay City Railway Co.	64	38		102		3		3	105
126	Southern Michigan Railway Co.	12	1		13					13
127	Toledo, Ottawa Beach & Northern Railway Co.									
128	Toledo & Western Railroad Co.	13			13					13
	Total	2,007	186	16	2,209	247	129	1	377	2,586

TABLE NO. 13—DESCRIPTION OF EQUIPMENT—Continued.

No.	Railway.	Freight cars.		Total. (12)	With electric equipment.						
		With electric equipment. (10)	Without electric equipment. (11)		Express cars. (13)	Baggage cars. (14)	Snow plows. (15)	Sweepers. (16)	Locomo- tives. (17)	Total. (18)	
111	Benton Harbor-St. Joe Railway & Light Co.	3	21	24	1				2		3
112	Detroit, Jackson & Chicago Railway Co.	5		5							
113	Detroit, Monroe & Toledo Short Line Railway Co.	4		4					(b)	2	2
114	Detroit & Port Huron Shore Line Railway Co.	7		7					2	2	2
115	Detroit United Railway.	31	55	86							
117	Escanaba Traction Co.		2	2				2	1		3
118	Grand Rapids, Grand Haven & Muskegon Railway Co.				17			6			18
119	Houghton County Traction Co.							1			1
120	Michigan Railway Co.	25	82	107				1	6	(a)	8
121	Grand Rapids, Holland & Chicago Railway Co.	5	21	26							
122	Michigan United Railways Co.	8	10	18				1	6		7
123	Lansing Southern Railroad Co.										
124	Muskegon Traction & Lighting Co.	1	1	2					1		1
125	Saginaw-Bay City Railway Co.							1	1		2
126	Southern Michigan Railway Co.	3		3				2			2
127	Toledo, Ottawa Beach & Northern Railway Co.										
128	Toledo & Western Railroad Co.	5	111	116						5	5
	Total.....	97	303	400	18			14	17	10	58

(a) One steam locomotive.

(b) Without electric equipment.

FIRST ANNUAL REPORT

TABLE NO. 13.—DESCRIPTION OF EQUIPMENT.—Concluded.

No.	Railway.	Work cars.			Miscellaneous cars.			Total cars, all classes.		
		With electric equipment. (19)	Without electric equipment. (20)	Total. (21)	With electric equipment. (22)	Without electric equipment. (23)	Total. (24)	With electric equipment. (25)	Without electric equipment. (26)	Total. (27)
111	Benton Harbor-St. Joe Railway & Light Co.	1		1		(a) 1		49	23	72
112	Detroit, Jackson & Chicago Railway Co.	6	21	27				48	21	69
113	Detroit, Monroe & Toledo Short Line Railway Co.	3	57	60	2		2	48	57	105
114	Detroit & Port Huron Shore Line Railway Co.	10	27	37				100	29	129
115	Detroit United Railway	54	126	180	18	1	19	1,450	509	1,959
117	Escanaba Traction Co.							12	6	18
118	Grand Rapids, Grand Haven & Muskegon Railway Co.	1		1		5	5	42	5	47
119	Houghton County Traction Co.		10	10				29	10	39
120	Michigan Railway Co.	17	63	80		(b) 9	9	303	166	469
121	Grand Rapids, Holland & Chicago Railway Co.	4		4		(c) 3	3	31	27	58
122	Michigan United Railways Co.	12	10	22	3		3	205	24	229
123	Lansing Southern Railroad Co.									
124	Muskegon Traction & Lighting Co.	3	2	5				34	27	61
125	Saginaw-Bay City Railway Co.	3	2	5	1	(d) 1	2	108	6	114
126	Southern Michigan Railway Co.							18		18
127	Toledo, Ottawa Beach & Northern Railway Co.									
128	Toledo & Western Railroad Co.	1		1	(e) 1	4	5	25	115	140
	Total	115	318	433	25	24	49	2,502	1,025	3,527

(a) One express car.

(b) Includes one locomotive.

(c) Includes two sweepers.

(d) One baggage car.

(e) One mail car.

STATISTICS

EXPRESS COMPANIES

FOR THE

YEAR ENDING DECEMBER 31, 1918.

FIRST ANNUAL REPORT

ABSTRACT OF REPORTS RENDERED BY EXPRESS COMPANIES FOR THE YEAR ENDING DECEMBER 31, 1918.

No.	Item.	Adams Express Company.*	American Express Company.*	The Canadian Express Company.*	Wells Fargo & Company.*	Western Express Company.*	American Rail- way Express Company.†
RECAPITULATION OF MILEAGE COVERED.							
<i>Class of Carrier:</i>							
1	Steam roads.....	41,480 44	70,872 26	11,238 14	77,403 07	5,200 90	239,282 12
2	Electric lines.....	2,636 72	1,064 08	113	4,421 90	28 00	6,951 25
3	Coastwise steamboat lines.....			1,027	30,391 00		32,019 62
4	Inland steamboat lines.....	4,235 00	1,174 25	50	4,502 87	8 00	8,386 00
5	Stage lines.....			17	1,178 07		1,175 42
6	Miscellaneous lines.....		4 50	2	664 50		4 50
	Total.....	48,352 16	73,115 09	12,447 14	118,561 41	5,236 90	287,818 91
<i>Transoceanic Contract Steamship Lines and Lines in Foreign Countries:</i>							
8	Ocean-going mileage.....			2,630	25,977		4,392 00
9	Mileage in foreign countries.....						
<i>Mileage covered in Michigan, classified:</i>							
10	Steam roads.....	2,319 03	4,127 20	5,702	707 36	743 16	7,913 75
11	Electric lines.....	696 83	118 94		103 56	9 47	405 05
12	Inland steamboat lines.....	8 00	8 00			8 00	201 00
	Total.....	3,023 86	4,254 14	5,702	810 92	760 63	8,519 80
CAPITAL STOCK.							
<i>Common stock:</i>							
14	Number of shares authorized.....	120,000	180,000	30,000	240,000	1,000	400,000
15	Par value of one share.....	\$100 00	\$100 00	\$100 00	\$100 00	\$100 00	\$100 00
16	Total par value authorized.....	12,000,000 00	18,000,000 00	2,000,000 00	24,000,000 00	100,000 00	40,000,000 00
17	Total par value outstanding.....	12,000,000 00	18,000,000 00	1,742,200 00	23,967,400 00	50,000 00	50,000 00
18	Total par value held by respondent in treasury.....	2,000,000 00	817,400 00				
19	Total par value not held by respondent.....	10,000,000 00	17,182,600 00	1,742,200 00	23,967,400 00	50,000 00	

<i>Purpose of the issue—Number of shares outstanding:</i>									
20	Issued for cash	100,000		15,000	150,674	500			
21	Issued for real property and equipment			2,422					
22	Issued for acquisition of securities		180,000						
23	Issued for acquisition of securities incident to a merger November 25, 1968	20,000							
24	Issued for stock dividend								
25	Total	120,000	180,000	17,422	239,674	500 00			
I. Operating income:									
INCOME ACCOUNT:									
26	(301) Charges for transportation	\$29,876,163 11	\$43,508,142 13	\$2,555,945 37	\$33,812,974 27	\$958,866 90	\$128,128,620 71		
27	(314) Express privileges—Dr	14,941,754 66	21,671,059 03	1,211,338 70	17,834,524 79	490,393 42	64,237,727 78		
28	Revenue from transportation	14,934,408 45	21,837,083 10	1,344,506 58	15,078,449 48	468,473 48	63,890,802 93		
29	(302) Revenue from operations other than transportation	273,717 34	1,712,811 68	81,873 95	15,601,504 01	25,811 68	2,538,951 91		
30	Total operating revenues	15,207,125 79	23,549,994 78	1,426,380 53	16,579,953 48	494,265 16	66,429,844 84		
31	(315) Net operating expenses	21,011,119 06	24,516,170 21	1,372,802 70	17,667,159 58	488,513 46	75,627,534 07		
32	(316) Uncollectible revenue from transportation	6,893,983 47	998,371 45	53,577 74	1,087,808 07	5,771 71	9,097,689 48		
33	(317) Express taxes	25,274 56	19,031 86		20,754 99	906 13	6,927 49		
34		150,905 38	280,447 08	30,000 00	280,264 60	12,118 46	765,869 45		
35	Operating income	\$5,980,773 21	\$1,565,754 37	\$23,577 74	\$1,358,225 66	\$7,252 88	\$9,870,316 17		
II. Other income:									
36	(303) Rent from real property and equipment used jointly	\$5,612 09	\$9,664 69		\$2,291 34	\$505 55	\$1,039 45		
37	(305) Net income from miscellaneous physical property	317 30	30,893 83		11,932 28				
38	(306) Separately operated property—profits								
39	(307) Dividend income	100,155 00	81,932 00		154,461 50	1,400 00	22,060 87		
40	(308) Income from funded securities	418,771 53	243,806 35		288,795 28	7,245 49	170,591 81		
41	(309) Income from unfunded securities and accounts	47,084 17	40,822 22		78,377 69	2,784 09			
42	(310) Income from sinking and other reserve funds		9,780 06						
43	(313) Miscellaneous income		29,507 68		40,185 50				
44	Total other income	(a) \$581,490 09	\$446,015 53		(c) \$592,612 25	\$11,885 13	\$300,785 14		
45	Gross income	\$5,398,683 12	\$819,738 84	\$23,577 74	\$796,613 41	\$4,632 25	\$9,669,631 03		

(*) Report for six months ended June 30, 1918.

† Report for six months ended December 31, 1918.

(a) Includes Item 304. "Miscellaneous rent income," \$600.

(b) Includes 30,000 shares issued as advance payments on contracts and 50,000 not known.

(c) Includes Item 304. "Miscellaneous rent income," \$16,548.68.

(d) Includes Item 304. "Miscellaneous rent income," \$107,093.01.

Reserve items appear in italic type.

ABSTRACT OF REPORTS RENDERED BY EXPRESS COMPANIES FOR THE YEAR ENDING DECEMBER 31, 1918—Continued.

No.	Item.	Adams Express Company.	American Express Company.	The Canadian Express Company.	Wells Fargo & Company.	Western Express Company.	American Rail- way Express Company.
INCOME ACCOUNT—Concluded.							
III. Deductions from Gross Income:							
46	(318) Rent for real property and equipment used jointly	\$11,148 20	\$5,258 77		\$5,307 09	\$392 67	\$99 52
47	(319) Miscellaneous rents	291 84	18,392 22		40,386 23		22,214 31
48	(320) Miscellaneous taxes	450 00	14,522 88		27,630 82		
49	(321) Miscellaneous physical properties—net loss						
50	(322) Interest on funded debt	417,230 00					
51	(323) Interest on unfunded debt	116,062 86	124,073 92		31,781 29		10 53
52	(326) Income transferred to other companies						
53	(327) Miscellaneous income debits	179,280 57	139 70		576 95		
54	Total deductions from gross income	\$723,879 79	\$162,387 49		\$105,692 38	\$392 67	\$22,324 36
55	Net income	\$6,122,562 91	\$982,126 33	\$23,577 74	\$901,505 79	\$4,239 58	\$9,591,855 39
56	IV. Disposition of net income:						
	(329) Dividend appropriations of income				\$719,022 00		
57	Income balance transferred to profit and loss	\$6,122,562 91	\$982,126 33	(a) \$23,577 74	\$1,620,327 79	\$4,239 58	\$9,591,855 39
PROFIT AND LOSS ACCOUNT.							
58	(401) Credit balance (at beginning of fiscal period)	\$9,015,005 68	\$6,213,917 06		\$4,122,784 98	\$250,147 24	
59	(402) Credit balance transferred from income				4,239 58	40 00	
60	(403) Profit on real property and equipment sold						
61	(404) Delayed income credits				23,191 53	93 14	\$8,379 26
62	(405) Unrefundable overcharges	2,281 34	1,364 31		23,527 61		9,583 90 87
63	(406) Miscellaneous credits	44,042 52	33,596 84		1,620,327 79		9,591,855 39
64	(408) Debit balance transferred from income	6,122,562 91	982,126 33				
65	(410) Dividend appropriations of surplus		516,474 00				
66	(413) Debt discount extinguished through surplus						
67	(415) Loss on land sold						
68	(417) Miscellaneous debits	34,202 69	32,186 28		1,393 93		474 74
69	Balance carried forward to credit of balance sheet	\$1,904,563 94	\$4,718,091 00		\$2,547,782 40	\$293,519 96	

~ OPERATING REVENUES.							
<i>I. Transportation:</i>							
70	(101) Express, domestic.....	29,817,642 84	- 43,428,976 02	2,555,845 37	33,715,606 53	957,889 93	128,115,573 74
71	(101) Express, foreign.....	34,436 52	62,556 61		90,686 46		
72	(103) Miscellaneous.....	24,083 75	16,609 50		6,681 28	976 97	13,046 97
73	Total transportation.....	\$29,876,163 11	\$43,508,142 13	\$2,555,845 37	\$33,812,974 27	\$958,866 90	\$128,128,670 71
<i>II. Contract payments:</i>							
74	(104) Express privileges—Dr.....	\$14,941,754 66	\$21,671,059 03	\$1,211,338 79	\$17,834,524 79	\$490,393 42	\$64,237,727 78
75	Revenue from transportation.....	\$14,934,408 45	\$21,837,083 10	\$1,244,506 58	\$15,978,449 48	\$468,473 48	\$63,890,892 93
<i>III. Operations other than transportation:</i>							
76	(105) Customs brokerage fees.....	\$31,347 64	\$58,325 28	\$13,086 60	\$17,922 87	\$8,430 65	\$42,244 57
77	(106) Order and commission.....	278 04	3,238 01		3,472 44		2,708 62
78	(107) Rents of buildings and other property.....	4,259 59	138,626 71		81,800 12	245 14	156,223 48
79	(108) Money orders.....	52,591 79	229,897 85		101,480 17	7,593 45	
80	(109) C. O. D. checks.....	150,144 34	277,211 14		252,250 45	9,107 40	810,662 78
81	(110) Limited and unlimited cheques.....	169 26	10,560 96		70 73	4 65	
82	(111) Travelers cheques.....	1,526 78	17,566 79		27,376 48	13 62	
83	(112) Telegraph and cable transfers.....	13 29	90,631 49		1,463 13		
84	(113) Letters of credit.....		836 89				
85	(114) Foreign postal remittances.....	849 04	5,016 23				
86	(115) Profit on exchange and other financial revenue.....	6,169 93	349,174 00		14,975 52	141 53	413 96
87	(116) Miscellaneous.....	25,367 64	531,726 33	(b) 68,767 35	100,692 10	294 54	265,751 58
88	Total other than transportation.....	\$272,717 24	\$1,712,811 68	\$81,873 95	\$601,504 01	\$25,811 68	(c) \$2,538,951 91
89	Total operating revenues.....	\$15,207,125 79	\$23,549,894 78	\$1,426,380 53	\$16,579,953 49	\$494,285 16	\$64,429,844 84

(a) Represents balance transferred to Grand Trunk Railway.

(b) Includes Items 106 to 116, inclusive.

(c) Includes Item "Valuation Charges," \$1,280,946.92.

ABSTRACT OF REPORTS RENDERED BY EXPRESS COMPANIES FOR THE YEAR ENDING DECEMBER 31, 1918—Continued.

No.	Item.	Adams Express Company.	American Express Company.	The Canadian Express Company.	Wells Fargo & Company.	Western Express Company.	American Rail- way Express Company.
OPERATING EXPENSES.							
90	Recapitulation:						
91	Maintenance.....	\$929,737 53	\$1,262,839 15	\$82,500 60	\$786,284 51	\$13,965 05	\$3,370,773 31
92	Traffic.....	40,070 33	125,123 31	4,589 18	88,517 09	3,543 72	183,456 43
93	Transportation.....	19,293 112 55	21,534,922 27	1,216,368 98	15,793,431 55	408,161 07	60,611,043 21
	General.....	748,198 65	1,503,285 48	69,344 03	997,926 41	62,843 61	2,362,261 12
94	Total operating expenses.....	\$21,011,119 06	\$24,516,170 21	\$1,372,802 79	\$17,667,159 56	\$488,513 45	\$75,527,534 07
95	Ratio of operating expenses to operating revenues—per cent.....	138.17	104.10	96.24	106.56	98.83	113.70
BALANCE SHEET—ASSETS.							
96	Investment:						
97	(501) Real property and equipment.....	\$10,339,362 24	\$19,531,947 53	\$490,152 80	\$11,702,133 64	\$149,965 47	\$39,706,351 04
	(503) Miscellaneous physical property.....	11,042 20	2,051,078 00		843,326 21	41,020 05	
98	(504) Investment in affiliated companies.....	10,328,009 73	1,035,612 95		10,000 00		
99	(a) Stocks.....	7,460,451 73					
100	(b) Bonds.....	740,000 00					
101	(c) Notes.....	467,316 07					
	(d) Advances.....						
102	(505) Other investments—						
103	(a) Stocks.....	7,605,559 51	2,791,260 45		5,686,620 80	25,186 18	
104	(b) Bonds.....	13,702,083 40	9,784,988 60		12,443,085 84	175,196 33	2,100,534 81
105	(c) Notes.....	202 00	1,109,273 23		1,572,965 88		
	(d) Mortgage loans.....						
106	Total investment.....	\$50,654,026 88	\$36,354,160 76	\$490,152 80	\$32,258,162 37	\$391,388 03	\$31,808,885 85
Current assets:							
107	(506) Cash.....	4,679,785 37	3,391,534 92	140,667 87	8,205,644 67	122,311 37	20,801,311 66
108	(507) Special deposits.....	28,157 60	242,772 49				139,014 00
109	(508) Loans and notes receivable.....	65,000 00	5,321 50		564,129 67		
110	(509) Traffic balances receivable.....	918,117 70	108,637 48	17,453 60	388,982 12	13,035 91	139,205 12
111	(510) Net balances receivable from agents and messengers.....	4,816,741 04	10,711,153 34	152,635 59	3,636,809 11	24,051 50	13,397,045 74

112	(511) Miscellaneous accounts receivable.....	1,480,357 22	6,212,300 45	353,551 05	1,741,585 52	.....	11,811,776 35
113	(512) Materials and supplies.....	233,935 44	629,492 99	10,559 02	345,781 43	3,950 37	1,606,926 07
114	(513) Interest, dividends and rents receivable.....	230,504 01	199,668 58	.....	221,065 62	.....	46,876 90
115	(514) Working fund advances.....	314,295 90	301 14	32,066 65	.....	225 00	137,295 57
116	(515) Other current assets.....	27,055 62	84,381 57	.....	453,046 55	.....	.....
117	Total current assets.....	\$12,794,041 60	\$21,585,564 46	\$706,963 78	\$15,567,074 69	\$163,573 95	\$47,969,361 41
118	<i>Deferred assets:</i>						
119	(516) Insurance and other reserve funds.....	.....	\$438,168 58	.....	.....	.....	.....
120	(519) Advance payments on contracts.....	.....	89,829 06	.....	\$1,046,666 39	.....	.....
121	(520) Other deferred assets.....	.....	.....	.....	.....	.....	.....
122	Total deferred assets.....	.....	\$527,997 64	.....	\$1,046,666 39	.....	.....
123	<i>Unadjusted debits:</i>						
124	(521) Rents and insurance premiums paid in advance.....	\$51,998 09	\$36,605 92	.....	\$36,708 79	.....	\$265,259 63
125	(522) Taxes paid in advance.....	.....	110,552 65	.....	.....	.....	33,235 76
126	(525) Other unadjusted debits.....	33,410 62	974,288 68	.....	162,017 63	.....	3,125,008 20
127	Total unadjusted debits.....	\$85,408 71	\$1,121,447 25	.....	\$198,726 42	.....	\$3,423,503 59
128	Grand total.....	\$63,533,477 19	\$59,589,170 11	(a) \$2,438,604 76	\$49,070,629 87	\$554,961 98	\$53,201,750 85

(a) Includes item "Goodwill, Contracts, Charter, etc.," \$1,241,486.18.

ABSTRACT OF REPORTS RENDERED BY EXPRESS COMPANIES FOR THE YEAR ENDING DECEMBER 31, 1918—Continued.

No.	Item.	Adams Express Company.	American Express Company.	The Canadian Express Company.	Wells Fargo & Company.	Western Express Company.	American Rail- way Express Company.
BALANCE SHEET—Continued.							
LIABILITIES.							
127	<i>Stock:</i> (528) Capital stock.....	\$10,000,000 00	\$17,182,600 00	\$1,742,200 00	\$23,967,400 00	\$50,000 00	(a) \$34,719,548 41
128	<i>Long Term Debt:</i> (530) Funded debt unamortized.....	19,733,000 00					
129	(Special item—see report).....	882,295 86					
Current Liabilities:							
130	(531) Loans and notes payable.....	5,450,000 00	8,000 00		1,500,000 00		
131	(532) Traffic balances payable.....	439,725 48	377,355 26	42,384 20	48,539 84	11,360 12	273,970 36
132	(533) Audited accounts and wages unpaid.....	2,191,169 59	1,869,381 86		3,653,118 53	6,735 83	11,674,744 09
133	(534) Miscellaneous accounts payable.....	101,801 35	8,980,216 13	230,946 26			3,334,202 18
134	(535) Matured interest, dividends and rents unpaid.....	44,008 00	32,342 67		21,285 63		
135	(536) Unpaid money orders, checks and drafts.....	1,599,146 16	11,407,430 32	177,933 38	4,070,575 81	4,873 52	
136	(538) Express privilege liabilities.....	11,894,611 98	6,717,640 02	166,183 72	7,717,288 46	8,423 02	21,111,935 55
137	(540) Estimated tax liabilities.....	109,508 66	207,377 21		254,998 54	10,008 59	362,428 89
138	(541) Unamortized interest, dividends and rents payable.....	190,483 80	269,749 84		371,028 12		
139	(542) Other current liabilities.....	1,079,126 25		48,947 20	456,798 88		3,229,568 22
140	Total current liabilities.....	\$23,099,791 27	\$29,869,473 31	\$696,404 76	\$18,093,029 71	\$41,301 08	\$39,986,849 29
Deferred Liabilities:							
141	(544) Liabilities on account of fidelity and indemnity funds.....		\$52,296 50				
142	(545) Other deferred liabilities.....						
143	Total deferred liabilities.....		\$52,296 50				
Unadjusted Credits:							
144	(547) Operating and insurance reserves.....	\$1,996,799 07	\$1,101,657 58		\$1,496,570 53	\$43,747 30	\$7,309,630 73
145	(548) Accrued depreciation—Buildings.....	279,071 59	1,301,876 81		334,258 18	3,062 87	124,088 41
146	(549) Accrued depreciation—Furniture.....	2,888,231 47	3,988,474 63		2,544,153 57	73,530 97	1,055,196 77
147	(550) Accrued depreciation—Miscellaneous physical property.....		803,774 97		24,711 46		
148	(551) Other unadjusted credits.....	58,791 76	590,924 72		62,115 02		2,548 24
	Total unadjusted credits.....	\$5,222,833 89	\$7,766,708 70		\$4,461,817 76	\$120,140 91	\$8,495,353 15

150	<i>Corporate Surplus:</i>									
	(553) Reserves from income and surplus	2,690,982 22								50,000 00
151	(554) Profit and loss balance.....	1,904,563 94								293,519 96
		4,718,091 80								
152	Total corporate surplus.....	\$4,595,556 17								\$343,519 96
		\$4,718,091 80								
153	Grand total.....	\$63,533,477 19								\$83,201,750 85
		\$59,589,170 11								\$554,961 98
		\$2,438,604 76								
		\$49,070,629 87								

(a) Contracted for but not issued.

ABSTRACT OF REPORTS RENDERED BY EXPRESS COMPANIES—Continued.

Statistics of equipment owned at close of year.

No.	Item.	Adams Express Company.		American Express Company.		The Canadian Express Company.		Wells, Fargo & Company.		Western Express Company.		American Railway Express Company.	
		Number.	Value or amount.	Number.	Value or amount.	Number.	Value or amount.	Number.	Value or amount.	Number.	Value or amount.	Number.	Value or amount.
154	(205) Cars.....	5,150	\$654,882 95	75	\$332,259 35	417	\$65,239 65	181	\$504,076 60	145	\$14,650 57	5,406	\$940,624 06
155	(206) Horses.....			6,627	888,817 98			6,426	809,036 85			14,000	2,568,901 70
156	(207) Automobiles.....												
	(1) Automobiles, gasoline.....	851	1,082,697 27	539	904,034 92	12	31,633 60	308	454,762 30	1	1,225 21	1,897	2,787,849 49
	(2) Automobiles, electric.....	386	671,764 68	570	782,152 96	5	4,114 00	43	56,227 50	1	2,933 80	1,010	1,580,481 17
157	(208) Wagons and sleighs.....												
158	(1) Wagons, double.....	1,083	126,976 92	1,260	188,461 54	58	11,016 26	1,511	380,784 53	20	3,636 23	5,214	766,745 00
159	(2) Wagons, single.....	2,988	161,297 60	3,491	288,539 48	312	36,050 00	2,554	305,459 64	102	9,176 40	9,134	793,707 81
160	(3) Sleighs.....	724	5,898 06	1,824	29,229 27	293	12,790 00	494	5,949 69	67	900 79	2,631	49,404 92
161	(4) Buggies.....	16	52 50	13	666 94			28	2,788 34			67	4,682 16
162	(209) Harness equipment.....												
163	(210) Office furniture and equipment.....												
164	(211) Office safes.....	1,883	53,237 86	6,531	116,626 47	320	12,301 00	6,233	157,244 17				1,767,544 08
165	(212) Trucks.....	13,942	229,024 02	18,347	408,816 18	780	19,690 50	17,026	211,779 11	517	11,480 21	55,771	362,837 43
166	(213) Stable equipment.....												1,079,964 15
167	(214) Garage equipment.....												
168	(215) Line equipment.....	237	26,798 57	320	69,836 60	4	974 00	973	66,529 37	17	1,343 10	1,478	19,061 72
169	(1) Scales, car.....												137,997 56
170	(2) Scales, messenger.....												168,314 65
171	(3) Trunks, packing.....	4,009	29,891 61	2,843	25,444 88	198	2,686 00	2,424	21,744 57	206	1,503 70	11,740	159,506 95
172	(4) Other line equipment.....	7,248	27,843 46	9,408	35,900 82	212	2,200 00	7,924	20,142 88	394	517 15	27,419	102,279 97
173	(216) Shop equipment.....												31,034 46
174	(217) Miscellaneous equipment.....												116,518 95
													32,370 71
175	Totals.....		\$3,532,353 71		\$5,167,901 05		\$229,952 80		\$3,655,737 13		\$68,697 33		\$13,719,302 64

STATISTICS

ELECTRIC LIGHT AND POWER UTILITIES

FOR THE

CALENDAR YEAR 1918.

NOTE.—The following compilation does not include all of these utilities operating in the State of Michigan.

FIRST ANNUAL REPORT

TABLE NO. 1—INCOME STATEMENT—CLASSES A, B, AND C.

No.	Operating utility.	Operating income.			Non-operating income.			Net corporate income (Loss if in italics).
		Operating revenues.	Operating expenses.	Net operating revenue (deficit if in italics).	Non-operating revenues.	Non-operating expenses.	Net non-operating revenue (deficit if in italics).	
Classes A and B.								
1	Alpena Power Company.....	\$50,307 44	\$37,473 03	\$12,834 41	\$1,275 00	\$10,763 90	\$1,275 00	\$14,109 41
2	Benton Harbor-St. Joe Railway & Light Company.....	249,988 61	150,451 06	99,537 55	6,582 95	3,170 95	4,210 95	95,326 60
3	Boardman River Electric Light & Power Company.....	31,457 75	24,940 00	6,517 75	2,954 18	1 00	2,953 18	9,470 93
4	Boyet City Electric Company.....	25,173 19	26,843 94	1,670 75	2,106 04	.....	2,106 04	435 29
5	Beckwith Company, The.....	31,437 63	18,724 84	12,712 79	7,335 99	37 60	7,298 39	20,311 18
6	Central Michigan Light & Power Company.....	111,918 92	106,262 82	5,656 10	5,933 71	582 81	5,350 90	11,007 00
7	Cheboygan Electric Light & Power Company.....	51,313 50	36,692 84	14,620 66	2,576 18	184 90	2,391 28	17,011 94
8	Citizens Electric Company, The.....	131,293 14	96,559 42	34,733 72	1,729 28	302 50	1,426 78	36,160 50
9	Citizens Light & Power Company, The.....	100,980 06	86,388 45	14,591 61	21,610 14	45 17	21,564 97	38,158 58
10	Consumers Power Company.....	6,384,030 89	3,550,896 79	2,833,134 10	224,069 21	164,608 79	59,460 42	2,892,594 52
11	Detroit Edison Company, The.....	12,766,033 66	8,953,470 26	3,812,563 40	1,035,493 68	1,100,066 37	64,572 69	3,747,990 71
12	Edison Sault Electric Company.....	119,473 09	98,127 81	21,345 28	4,312 52	477 82	3,834 70	25,179 98
13	Escanaba Traction Company.....	84,665 05	40,328 69	44,336 36	88,104 76	330 75	330 75	44,667 11
14	Houghton County Electric Company.....	413,947 88	289,527 01	124,420 87	10,817 17	1,062 08	9,755 09	134,175 96
15	Indiana & Michigan Electric Company.....	1,441,641 29	838,103 41	603,537 88	18,770 80	.....	18,770 80	622,308 68
16	Ironia Water Power Electric Company.....	42,843 36	36,348 04	6,495 32	3,569 37	.....	3,569 37	10,064 69
17	Iron Mountain Electric Light & Power Company, The.....	44,757 05	32,327 51	12,429 54	544 10	.....	544 10	12,973 64
18	Iron Range Light & Power Company.....	49,287 09	39,281 68	10,005 41	2,294 35	.....	2,294 35	12,299 76
19	Ironwood & Bessemer Railway & Light Company.....	268,353 13	171,457 70	96,895 43	212,141 72	101,304 13	110,837 59	20,733 02
20	Manistique Light & Power Company.....	43,847 59	30,960 93	12,886 66	3,008 73	.....	3,008 73	15,895 39
21	Menominee & Marinette Light & Traction Company.....	96,877 50	77,061 40	19,816 10	894 28	.....	894 28	20,710 38
22	Michigan Gas & Electric Company.....	213,317 10	145,879 73	67,437 37	6,518 44	.....	6,518 44	89,937 67
23	Peninsular Power Company.....	227,903 15	97,885 93	130,017 22	2,296 36	.....	2,296 36	132,313 58
24	Port Huron Gas & Electric Company.....	215,566 20	164,146 67	59,449 53	4,412 30	.....	4,412 30	92,471 11
25	Southern Michigan Light & Power Company.....	45,867 95	40,908 59	4,961 36	19,707 14	15,219 14	4,488 00	9,489 36
26	Sears Light & Power Company.....	117,303 55	103,510 95	13,792 60	2,132 31	.....	2,132 31	15,924 91
27	Thornapple Gas & Electric Company.....	76,910 51	52,382 51	24,528 00	22,121 08	20,044 98	2,076 10	26,604 10
28	Total, Classes A and B.....	\$23,434,546 28	\$15,336,940 01	\$8,097,606 27	\$1,713,311 79	\$1,502,505 20	\$210,806 59	\$8,323,304 00

MICHIGAN PUBLIC UTILITIES COMMISSION

Class C.									
32	Benzie County Power Company	16,704 14	11,897 41	4,896 73	1,406 56	261 58	1,144 98	6,041 71	
33	Big Rapids Electric Company	14,422 87	10,171 13	4,261 74	1,281 79		1,281 79	5,533 53	
34	Boyer River Power Company	15,428 36	9,919 59	5,548 77				5,548 77	
35	Caro Light & Power Company	15,226 70	11,549 46	3,677 24	965 17		965 17	4,642 41	
36	Centerville Water & Light Company	10,919 86	9,523 53	1,396 33	1,204 01	928 73	275 28	1,671 61	
37	Citizens Light Company								
38	Cleveland Cliffs Iron Company	299,586 32	292,223 60	7,362 92				7,362 92	
39	Confidential Utilities Company	7,914 60	5,894 22	2,020 38	1,278 60	783 77	494 83	2,515 21	
40	Dundee Power Company	7,905 47	7,172 54	732 93		1,002 37	1,002 37	2,797 69	
41	East Jordan Electric Light & Power Co.	18,769 12	15,971 43	2,797 69					
42	Easley Light & Power Company	13,993 03	11,548 25	2,444 78	137 45		137 45	2,582 23	
43	Electric Light & Power Company	35,953 38	34,267 50	1,685 88	673 43		673 43	2,359 31	
44	Garden Light & Power Company	14,967 50	8,211 20	6,756 30	53 98		53 98	6,810 28	
45	Grayling Electric Company	11,469 97	8,821 95	2,648 02	611 28		611 28	3,259 30	
46	Harbor Electric Company, The	8,725 17	8,196 56	528 61	2,117 56	1,478 85	638 71	1,167 32	
47	Kalkaska Light & Power Company	7,718 68	7,484 08	234 60	877 10		877 10	1,111 70	
49	Midford Electric Company	9,775 33	13,086 19	3,310 86				3,310 86	
50	Onaway Electric Light & Power Company	17,484 35	6,469 18	11,015 17	1,111 33	54 06	1,057 27	12,072 44	
51	Oscoda Light & Power Company	9,687 90	7,731 90	1,956 00	309 88	97 77	212 11	2,168 11	
52	Rogers City Electric Light & Power Company	20,229 35	15,800 95	4,428 40				4,428 40	
53	Spencer Electric Light & Power Company	20,242 51	9,521 19	10,721 32	500 00	769 81	269 74	10,451 58	
54	Tecumseh Electric Company, The	33,553 34	34,590 93	7,037 59	3,601 35		3,601 35	2,563 76	
55	Tower Electric Company, The R. J.	36,196 90	23,184 60	13,012 30				13,012 30	
56	United Electric Company	29,471 40	15,076 66	5,394 74				5,394 74	
57	Western Hydro-Electric Company, The	11,927 38	11,898 71	28 67				28 67	
58	Williamston Illuminating Co.	4,693 04	5,094 84	401 80				401 80	
Total, Class C.		\$684,096 81	\$595,307 58	\$88,789 27	\$16,129 49	\$3,376 94	\$10,752 62	\$99,541 89	
Total, Classes A, B* and C.		\$24,118,643 15	\$15,932,247 59	\$8,186,395 54	\$1,729,441 28	\$1,507,882 14	\$221,559 21	\$8,423,845 89	

(a) Includes "Junk sold," \$300.
 (b) Includes net income from gas and street railway departments also, \$15,981.86.
 (c) Includes a deficit item of \$41,390.72, income from gas department.

FIRST ANNUAL REPORT

TABLE NO. 1—INCOME STATEMENT—CLASSES A, B, AND C.—Continued.

No.	Operating utility.	Deductions from income.						Total deductions.	Net income (Loss if in italics).	
		Interest on funded debt.	Interest on unfunded debt.	Extinguish- ment of dis- count on securities.	Sinking fund accruals.	Miscellaneous deductions from income.	Extinguish- ment of premium on debt—credit.			
Classes A and B.										
1	Albena Power Company.....							(a)	\$14,109 41	
2	Benton Harbor-St. Joe Railway & Light Company.....								95,326 60	
3	Boardman River Electric Light & Power Company.....		\$4,369 21					\$4,369 21	5,101 72	
4	Boyer City Electric Company.....								435 29	
5	Beckwith Company, The.....							(b)	18,337 23	
6	Central Michigan Light & Power Company.....	\$13,200 00	173 15			\$7,269 37		20,642 52	9,635 58	
7	Cheboygan Electric Light & Power Company.....	13,500 00	1,292 24	\$3,441 36		67 60		18,301 20	1,289 26	
8	Citizens Electric Company, The.....	1,440 00	1,763 36			21 61		3,224 97	32,935 53	
9	Citizens Light & Power Company, The.....	10,225 00	29 20		\$4,589 05			14,843 25	21,313 33	
10	Consumers Power Company.....	1,182,999 02	37,478 44	109,444 51		20,939 55		(c)1,450,861 52	1,441,733 00	
11	Detroit Edison Company, The.....	1,278,149 05	75,618 09	79,220 93		177,324 57		1,610,312 64	2,137,678 07	
12	Edison Sault Electric Company.....		37 26			2,277 96		2,315 22	22,864 76	
13	Escanaba Traction Company.....	36,589 64						36,589 64	8,077 47	
14	Houghton County Electric Company.....	31,955 00	10,139 59			32,645 00		74,739 59	59,436 37	
15	Houghton County Electric Company.....	297,950 00	3,635 21	12,745 44		5,361 62		(d) 459,692 27	162,616 41	
16	Indiana & Michigan Electric Company.....									
17	Iron Range Light & Power Company.....	4,289 18				33 49		4,322 67	5,742 02	
18	Iron Range Light & Power Company, The.....	3,530 00	12 37			3,336 54		3,336 54	9,637 10	
19	Iron Range Light & Power Company.....	80,560 33	11,774 63			10,932 38		3,549 37	8,757 39	
20	Manistique Light & Power Company.....							103,267 34	104,465 68	
21	Manistique Light & Power Company.....		308 93					15,895 39	15,895 39	
22	Manistique Light & Traction Company.....	2,082 28						2,391 21	18,319 17	
23	Michigan Gas & Electric Company.....	62,224 11	3,332 46	3,466 34		1,198 61		70,221 52	19,716 15	
24	Peninsular Power Company.....	23,201 32		3,382 00				26,583 32	105,730 26	
25	Port Huron Gas & Electric Company.....	59,590 75	5,299 75	3,600 00		1,151 06		(e) 71,630 83	9,159 72	
26	Southern Michigan Light & Power Company.....	2,362 00	326 84					2,688 84	6,780 52	
27	Southern Michigan Light & Power Company.....	3,600 00						3,600 00	12,324 91	
28	Stearns Light & Power Company.....								26,604 10	
29	Thornapple Gas & Electric Company.....									
30										
Total, Classes A and B.....		\$3,107,436 93	\$155,590 73	\$215,300 58	\$4,589 05	\$262,559 38		\$3,989,450 62	\$4,333,853 38	

Class C.									
32	Bentley County Power Company								\$ 611.41
33	Big Rapids Electric Company								5,269.53
34	Boyer River Power Company								274.00
35	Caro Light & Power Company	\$5,000.00						(i)	5,054.76
36	Centerville Water & Light Company	2,500.00						(f)	3,697.63
									844.71
									395.60
37	Citizens Light Company								
38	Cleveland Cliffs Iron Company								7,369.02
39	Continental Utilities Company								2,515.21
40	Dundee Power Company								569.44
41	East Jordan Electric Light & Power Company	3,000.00					391.92		594.25
42	Easley Light & Power Company	705.00						(g)	850.41
43	Electric Light & Power Company	943.86							1,415.45
44	Gladwin Light & Power Company	4,560.00							1,776.63
45	Grayling Electric Company								5,104.65
46	Harbor Electric Company, The								2,872.90
47	Kalkaska Light & Power Company								1,167.32
48	Millford Electric Company								648.70
49	Onaway Electric Light & Power Company	1,900.00							4,658.97
50	Oscoda Light & Power Company	1,450.00							6,015.86
51	Rogers City Electric Light & Power Company								948.78
52	Spencer Electric Light & Power Company	1,950.00							4,428.40
53	Tecumseh Electric Company, The							(f)	9,008.55
54	Tower Electric Company, The R. J.								998.48
55	United Electric Company	806.59							12,739.98
56	Western Hydro-Electric Company, The	1,465.95						(h)	1,326.63
57	Williamston Illuminating Company	500.00							1,577.48
58									1,072.08
	Total, Class C	\$24,701.40	\$11,932.46	\$1,337.90		\$3,595.95	\$391.92	\$56,681.43	\$42,860.46
	Total, Classes A, B, and C	\$3,132,138.33	\$167,523.37	\$216,638.57		\$266,155.33	\$391.92	\$4,046,132.05	\$4,376,713.84

This item transferred to Railway Corporate Accounts.

- a Depreciation charge.
 b Includes item of depreciation \$100,000.
 c Includes depreciation charge of \$140,000.
 d Includes depreciation charge—electric, \$2,000.
 e Depreciation charge.
 f Includes depreciation charge of \$2,100.
 g Includes depreciation charge of \$3,478.37.
 h Includes depreciation charge of \$6,422.30.

FIRST ANNUAL REPORT

TABLE NO. 1—INCOME STATEMENT—CLASSES A, B AND C.—Concluded.

No.	Operating utility.	Appropriations.					Profit or loss for year.	Profit or loss at beginning of year. (400)	Profit or loss at close of year. (400)
		Dividends declared (795).		Expenses elsewhere unprovided for. (796a)	Adjustments of accounts of previous years. (796b)	Total.			
		On common stock.	On preferred stock.						
1	Alpena Power Company.....	\$82,170 00				\$82,170 00	\$68,060 59	\$125,126 34	\$57,065 75
2	Benton Harbor-St. Joe Railway & Light Company.....						95,326 60		95,326 60
3	Boardman River Electric Light & Power Company.....			\$439 56		439 56	4,662 16	113,371 00	118,033 16
4	Boyer City Electric Company.....						435 29	2,190 06	2,625 35
5	Beckwith Company, The.....	(a) 13,500 00				13,500 00			
6	Central Michigan Light & Power Company.....			167 56		23,302 16	32,937 68	21,255 99	54,193 67
7	Cheboygan Electric Light & Power Company.....						1,456 82	39,476 19	38,019 37
8	Citizens Electric Company, The.....	2,696 56				22,158 96	10,776 57	131,756 82	142,536 39
9	Citizens Light & Power Company, The.....	9,750 00	\$3,250 00			4,679 18	16,637 15	167,560 62	184,194 77
10	Consumers Power Company.....	450,000 00	601,471 88			(b) 1,552,361 67	110,693 67	1,408,929 60	1,298,300 93
11	Detroit Edison Company, The.....	2,085,625 67		28,000 00		2,039,265 71	98,412 36	2,302,801 14	2,401,213 50
12	Edison Sault Electric Company.....	30,000 00		30 00		33 53	7,198 77	72,947 98	65,749 21
13	Escanaba Traction Company.....	10,255 00				10,255 00	2,177 53	142,880 73	140,703 20
14	Houghton County Electric Company.....	50,000 58	18,000 00			68,000 58	8,564 21	303,468 95	294,904 74
15	Indiana & Michigan Electric Company.....	34,013 00				27,212 32	523,004 34	624,395 43	
16	Ionia Water Power Electric Company.....	10,500 00				10,500 00	4,757 98	37,152 18	32,394 20
17	Iron Mountain Electric Light & Power Company, The.....	8,500 00		311 50		8,811 50	40,815 00	7,780 66	5,381 88
18	Iron Ranger Light & Power Company.....	28,800 00				28,800 00	96,532 77	159,132 36	245,065 13
19	Ironwood & Bessemer Railway & Light Company.....		27,769 99			21,663 80	5,798 41	52,912 25	47,143 84
20	Manistique Light & Power Company.....					12,793 95	5,525 22	17,490 35	23,015 57
21	Manistique & Marquette Light & Traction Company.....								
22	Michigan Gas & Electric Company.....		24,000 00			24,000 00	4,283 85	140,617 64	136,333 79
23	Michigan Gas & Electric Company.....		33,068 09			93,193 09	12,537 17	73,398 30	85,935 47
24	Peemular Power Company.....	60,125 00				2,272 95	11,432 67	55,658 60	47,071 27
25	Port Huron Gas & Electric Company.....					2,272 95	6,780 52	12,717 34	19,497 86
26	Southern Michigan Light & Power Company.....					28,644 40	16,319 49	10,027 13	6,292 36
27	Stearns Light & Power Company.....	28,644 40				17,234 05	9,370 05	13,643 13	23,013 18
28	Thornapple Gas & Electric Company.....	13,650 00							
29	Thornapple Gas & Electric Company.....								
30	Thornapple Gas & Electric Company.....								
Total, Classes A and B.....		\$2,901,024 16	\$707,579 96	\$28,948 62	\$25,883 14	\$4,163,435 88	\$165,570 27	\$5,826,102 41	\$5,991,672 68

Class C.									
32	Benzie County Power Company			488 40	488 40	3,115 01	12,064 38	8,951 38	
33	Big Rapids Electric Company	3,794 00		1,101 19		364 34	19,350 19	19,694 33	
34	Bozette River Power Company					494 01	142 63	630 94	
35	Caro Light & Power Company					944 78		944 78	
36	Centerville Water & Light Company					395 60	106 96	502 56	
37	Citizens Light Company								
38	Cleveland Mills Iron Company					7,362 92	58,632 74	65,995 66	
39	Continental Utilities Company					269 44		269 44	
40	Dundas Power Company					694 23		694 23	
41	East Jordan Electric Light & Power Company								
42	Easley Light & Power Company	3,000 00				3,660 84	5,851 86	2,001 82	
43	Electric Light & Power Company					1,415 45	32,126 97	33,542 42	
44	Gladsion Light & Power Company		\$1,740 00			34 37	5,105 72	3,135 09	
45	Grayling Electric Company					2,812 80	1,234 93	4,107 83	
46	Harbor Electric Company, The	890 00				277 32	5,890 00	6,167 32	
47	Kalkaska Light & Power Company					8,279 04	8,927 74	648 70	
48	Milford Electric Company					4,662 97	10,605 39	5,932 42	
49	Onaway Electric Light & Power Company				\$24 38	6,032 20	20,940 13	26,972 33	
50	Oscoda Light & Power Company				1,000 00	1,942 78	7,871 13	3,925 35	
51	Rogers City Electric Light & Power Company					4,428 40	4,138 62	8,567 02	
52									
53	Spencer Electric Light & Power Company	1,750 00				7,256 55	7,482 25	14,738 80	
54	Tecumseh Electric Company, The	2,100 00				3,026 23	22,902 55	19,870 57	
55	Tower Electric Company, The R. J.	9,996 31				2,756 65		2,756 65	
56	United Electric Company	(c) 2,932 16				2,801 63		2,801 63	
57	Western Hydro-Electric Company, The					1,377 28		1,377 28	
58	Williamston Illuminating Co.					1,072 08	4,064 43	2,992 55	
Total, Class C.		\$24,462 47	\$1,740 00	\$1,024 38	\$10,527 33	\$3,587 87	\$219,209 46	\$222,797 56	
Total, Classes A, B, and C.		\$2,925,486 63	\$709,319 96	\$29,973 00	\$36,410 47	\$169,158 14	\$6,045,311 90	\$6,214,470 24	

(a) This amount taken from the profits of the electric department and paid to the General Office of the Beekwith Company and included in their profits for the year.

(b) Includes item of depreciation, \$500 000.

(c) Dividends payable.

TABLE NO. 2—PRODUCTION STATISTICS—STEAM POWER.

No.	Name of company.	Designation of station.	Bituminous coal consumed.		Pounds of coal consumed.			K. W. hours output per pound of coal.	B. T. U. per pound of coal.	B. T. U. per K. W. hours output.	Total kilowatt hours generated during year.
			Tons (2,000).	Price per ton.	Per K. W. hours produced.	Per K. W. hours output.	5.2				
9	Citizens Light & Power Company	Adrian	5,314	\$5.47	4.3	5.2	0.012				2,480,333
6	Central Michigan Light & Power Company	Alma	6,002	5.50	5.4						2,200,000
7	Cheboygan Electric Light & Power Company	Cheboygan									15,326
10	Consumers Power Company	Grand Rapids—									
		Wealthy St.	52,634	5.313	2.77		361	11.376	31,512		37,973,190
		*Fulton St.	10,797	5.781				11.948			232,308
		Market St.	218	4.756	4.22						
		Kalamazoo	11,773	4.718	4.22		237	10.335	43,014		5,579,139
		Battle Creek—									
		Elm St.	68,888	5.344	2.89		346	11.862	34,281		47,604,370
		*Jackson St.	3,268	4.847				11.040			199,710
		Jackson	37,663	5.260	2.70		370	12.435	33,375		27,916,007
		Flint	53,900	5.003	2.32		431	11.745	27,248		46,562,170
		Saginaw—									
		No. 1	628	4.294	(a) 59.01		017				21,296
		*No. 2	4,732	3.812				11.285			
8	Citizens Electric Company, The	Bay City									
		Manistee									
11	Detroit Edison Company, The	*Cadillac	34	11.915							126,741
		Total	244,535	\$5.213	2.73		366				166,214,933
		Battle Creek	7,681	5.08	4.5						3,416,405
		DeRay	462,796	4.72		2.11	.473	12.730	26,950		437,991,800
		Conners Creek	267,111	4.72		1.63	.613	12.830	20,900		327,020,500
16	Houghton County Electric Light Company	Pontiac									81,900
		Monroe	246	4.70							5,600
17	Indiana & Michigan Electric Company	Total	730,153								765,099,800
		Houghton	16,316	\$6.28		2.43	.411	13.559	32,948		13,309,410
		South Bend	59,775	4.37	4.37		250				27,342,800
		Wakarusa	5,063	6.83	4.06			14.000			96,160
21	Ironwood & Bessemer Railway & Light Co.	Ironwood	602	7.47	12.5						2,506,793

24	Michigan Gas & Electric Company.....	Caesopolis.....	656	5 46	3 8	3 8	5,120,686
26	Peninsular Power Company.....	Idahamip.....	9,761	6 23	3 69	3 8	1,671,050
27	Port Huron Gas & Electric Company.....	Iron River.....	3,086	7 23	3 93	3 93	7,248,388
29	Stearns Lighting & Power Company.....	Port Huron.....	14,222	5 52	3 93	3 93	5,478,452
30	Thornapple Gas & Electric Company.....	Ludington.....	(c)				764,690
38	Cleveland Cliffs Iron Company, The.....	Hastings.....	2,527	5 39	6 61		4,170,200
43	Electric Light & Power Company.....	Maas.....	9,500	5 79			1,800,950
28	Southern Michigan Light & Power Company.....	Gwin.....	3,989	5 95			1,006,724
69	Central Lake Electric Light Company.....	Munising.....	(d)	5 26	8 35		427,460
82	Green, George E.....	Hudson.....	1,786				
93	Lapeer Gas & Electric Company.....	Central Lake.....	(e)	5 85			
92	Linden Milling Company.....	Brooklyn.....	196	4 85			
100	Municipal Water, Light & Power Company.....	Lapeer.....	350	6 88			
90	Lake City Electric Light Plant.....	Linden.....	2,135	5 90			
109	East, S.....	Mackinac Island.....	1,400	8 38			10,220
108	Penn Iron Mining Company.....	Lake City.....	300	5 00			
115	Rockafellow Grain Company.....	Laingsburg.....	(f)				16,970,450
118	Sanford, Otis A.....	Norway Twp.....	6,294	5 00			18,250
121	Surgis, Lucene.....	Carson City.....	751	7 00			52,288
124	Wayland Electric Light & Power Company.....	Crystal.....	100	5 00			
		Fowler.....	761	4 80			
		Wayland.....	400				
	Grand total—steam.....		1,133,805		2 21	4 53	1,027,421,716

* Plants are partially devoted to heating service.

(a) Due to small K. W. H. output; coal consumed mostly for banking fires.

(c) Steam is purchased.

(d) Saw mill refuse used for fuel.

(e) Also 270 cords wood at \$2 per cord.

(f) Only total cost of fuel, \$1,000, given.

(g) Emergency service only.

TABLE NO. 2A—HYDRO ELECTRIC STATION DATA—STATE OF MICHIGAN—1918.

(Public utilities only.)

No.	Name of company.	Designation of station.	River.	Full load capacity of station.		Kilowatt hours generated during year.	Minimum output in any one day.	
				K. W.	H. P.		Date.	K. W. hours.
1	Alpena Power Company	Alpena	Thunder Bay	1,080	1,450	2,618,312	March 31	2,170
3	Boardman River Electric Light & Power Co.	Upper	Boardman	375	500	1,134,820	July	2,400
5	Beckwith Company, The	Lower	Boardman	300	400	704,900	July	1,200
6	Central Michigan Light & Power Company	La Grange	S. Br. Dowagiac Cr.	90	120	708,850		
7	Cheboygan Electric Light & Power Company	Chadwin	Cedar	350	470	1,200,000		
8	Citizens Electric Company, The	Mt. Pleasant	Chippewa	1,000	1,345	1,064,487		
		Black River	Black	150	200	508,060	July 4	1,540
		Maple River	Maple	200	270			
		Battle Creek	Au Sable	16,500	22,125	37,699,162	February 21	2,000
		Alcona	Manistee	800	1,075	3,060,000	February 22	4,000
		Union	Manistee, S. Br.	4,500	6,065	20,173,250	March 21	21,750
		Stronach	Mustegon	11,900	15,970	27,197,120	August 5	20,060
		Rogers	Mustegon	600	800	2,887,600	November 15	200
		Croton	Grand	250	335	138,900	January 15	200
		Lowell, No. 1	Grand	400	540	1,198,560	October 15	220
		Grand Rapids, W. S.	Kalamazoo	1,500	2,010	2,123,800	March 14	310
		Allegan	Kalamazoo	1,500	2,010	7,845,700	August 23	1,600
		Trowbridge	Kalamazoo	1,000	1,345	3,889,500	August 26	100
		Osgo	Kalamazoo	1,000	1,345	2,881,100	March 14	200
		Plainwell	Kalamazoo	600	800	583,720	January 16	300
		Battle Creek	Kalamazoo	150	200	1,486,140	August 28	60
		Ceresco	Kalamazoo	2,500	3,355	7,074,188	July 15	100
		Albion	Grand	150	200	513,410	September 1	75
		Webber	Shawwassee	9,000	12,070	24,069,000	March 15	9,000
		Shawwassee	Au Sable	9,000	12,070	28,793,800	October 20	3,800
		Porter	Au Sable	6,000	8,045	23,597,900	September 1	9,400
		Cooke	Au Sable	6,000	8,045	18,192,146	September 1	1,923
		Five Channels	Au Sable	5,000	6,705	13,220,311	April 21	85
		Loud	Au Sable	5,000	6,705		May 11	
		Mio	Au Sable	5,000	6,705			
10	Consumers Power Company	Total		75,900	101,810	227,511,697	September 8	160,743

MICHIGAN PUBLIC UTILITIES COMMISSION

223

11	Detroit Edison Company, The.....	Argo..... Barton..... Geddes..... Superior..... Paper Mill.....	Huron..... Huron..... Huron..... Huron..... Huron.....	1,075 1,500 1,000 700 500	1,440 2,010 1,345 940 670	2,019,500 4,647,300 1,149,000 578,500 357,700	.........................	.........................
14	Edison Sault Electric Company.....	Total..... Sault Ste. Marie.....	..... St. Marys.....	4,775 1,920	6,405 2,575	8,752,000 4,547,420	..... July 21.....	..... 5,300
15	Escanaba Traction Company.....	Flat Rock, No. 1..... Groos, No. 2..... Chandler Fall, No. 3.....	Escanaba..... Escanaba..... Escanaba.....	900 800 2,500	22,965 25,750 80,460	2,949,965 328,000 4,103,300	February..... May..... February.....	5,020 450 4,200
17	Indiana & Michigan Electric Company.....	Total..... Elkhart, Ind..... Twin Branch, Ind..... Buchanan..... Berrien Springs.....	..... St. Joseph..... St. Joseph..... St. Joseph..... St. Joseph.....	3,200 2,000 4,000 1,500 7,200	129,175 2,685 5,365 2,010 9,655	7,381,265 10,288,300 14,222,300 9,640,000 20,037,300	..... March 31..... August 18..... February 2..... September 2.....	..... 9,200 7,100 7,500 14,100
18	Ionia Water Power Electric Company.....	Total..... Lyons.....	..... Grand.....	14,700 450	19,715 600	54,187,800 777,720	September 2.....	42,000
21	Ironwood & Bessemer Railway & Light Co.....	Superior Falls, Wis..... Saxon Falls, Wis.....	Montreal..... Montreal.....	1,300 1,900	1,745 2,550	6,533,200 6,170,100	..........	..........
		Total.....	.....	3,200	4,295	12,703,300	.....	.....

TABLE NO. 2A—HYDRO ELECTRIC STATION DATA—STATE OF MICHIGAN—1918—(Continued.)
(Public utilities only.)

No.	Name of company.	Designation of station.	River.	Full load capacity of station.		Kilowatt hours generated during year.
				K. W.	H. P.	
23	Menominee & Marinette Light & Traction Company	Ingalls	St. Joseph	2,250	3,020	12,083,281
24	Michigan Gas & Electric Company	Constantine	Brule	1,200	1,610	
26	Peninsular Power Company	Twin Falls	Menominee	5,400	8,045	22,733,475
30	Thornapple Gas & Electric Company	La Barge	Thornapple	720	965	1,658,080
34	Boyne River Power Company	Boyne River	Boyne	300	400	515,612
36	Centreville Water & Electric Company	Centreville	Prairie	140	188	No data.
		Carp	Carp			16,043,300
		Dead River	Dead River			5,535,725
		Au Train	Au Train			5,066,566
38	Cleveland Cliffs Iron Company	Total				26,645,591
45	Grayling Electric Company	Grayling	Au Sable	125	170	115,000
47	Kalkaska Light & Power Company	Rugg	Rapid	75	100	225,700
48	Millford Electric Company	Millford	Huron	210	280	
50	Onaway Electric Light & Power Company	Tower	Sturgeon	450	605	873,240
51	Oscoda Light & Power Company	Reed City	Hersey Br., Muskegon River	125	170	180,488
53	Spencer Electric Light & Power Company	Smyrna	Flat	240	320	512,630
60	Anderson Brothers	Hartford	Paw Paw	100	135	
62	Pere Marquette Railway	Baldwin	Br. of Pere Marquette	22.5	30	
63	Barryton Electric Light & Power Company	Barryton	S. Br. Chippewa	50	70	
66	Boardman Lighting Company	South Boardman	Br. of Boardman	60	80	
71	Clinton Electric Light & Power Company	Pinkney	Br. of Huron	50	70	
75	Elk Rapids Electric Company	Elk Rapids	Elk	338	455	
81	Gibbs, Mrs. J. L.	Mayfield	Boardman	35	47	25,000
83	Gregory Electric Light Plant	Gregory	Br. of Huron	10	14	3,700
85	Hartland Light & Power Company	Hartland	Br. of Shiawassee	20	27	

87	Homer Electric Light & Power Company.....	Homer.....	Br. of Kalamazoo.....	90	120	
88	Hubbardston Electric Light & Power Company.....	Hubbardston.....	Fish Creek.....	55	75	
92	Linden Milling Company.....	Linden.....	Shiawassee.....	80	107	
101	Newaygo Portland Cement Company.....	Newaygo.....	Muskegon.....			381,800
105	Oak Grove Light & Power Company.....	Oak Grove.....	Br. of Shiawassee.....	10	14	
112	Preston & Sowton.....	Wolverine.....	Sturgeon.....	60	80	
114	River Raisin Hydro Electric Company.....	Raisinville.....	Huron.....	10		14,646
116	Rose City Lighting Company.....	Cumming.....	Rifle.....	40	55	(c) 10,840
117	Rouge River Electric Light & Power Company.....	Rockford.....	Rouge River.....	120	160	
126	White River Power & Light Company.....	Whitehall.....	White.....	375	500	(c) 375,000
	Grand total—hydraulic.....			126,450.5	267,332	389,099,368

(d) Estimated, based on utilisation data.

(e) Estimated.

[illegible]

* Steam auxiliary maintained for emergency only.

TABLE NO. 3—STATION OUTPUT—(Continued.)

No.	Name of utility.	Designation of station.	Maximum peak load (K. W.) for 30 minutes.						Maximum demand factor for year.	Load factor for year.
			January.	February.	March.	October.	November.	December.		
1	Alpena Power Co.	Alpena	300	265	280	260	320	365	6759	819
		Upper	400	400	400	400	400	400		
		Lower	190	190	190	190	190	190		
3	Boardman River Electric Light & Power Co.		90	90	80	80	85	90	85	34
5	Beckwith Company, The	Gladwin								
6	Central Michigan Light & Power Co.	St. Pleasant						320		
7	Cheboygan Electric Light & Power Co.	Black							54	22
8	Citizens Electric Co., The	Maple	160	170	175	165	190	202	6770	2537
10	Consumers Power Co.	Alcona								
		Junction		4,400	9,400	14,000	17,000	17,000		
		Stromach	760	740	820	780	780	800		
		Rogers	4,000	4,000	4,000	4,000	4,000	4,000		
		Croton	7,800	7,800	7,800	7,000	7,800	7,800		
		Lowell No. 1	910	976	981	860	860	828		
		Lowell No. 2								
		Grand Rapids, W. S.								
		Allegan	330	320	260	325	440	420		
		Troybridge	1,350	1,250	1,200	1,750	1,700	1,700		
		Osago	650	600	650	900	1,200	1,100		
		Plainwell	600	540	540	740	1,750	680	628	474
		Battle Creek	156	129	127		147	147		
		Ceresco	420	580	660	400	580	590		
		Albion	100	120	130	115	110	115		
		Weber	2,600	2,800	2,520	2,700	2,520	2,660		
		Shiawassee	162	145	140		150	150		
		Foots	3,200	6,000	8,800	8,000	9,500	9,100		
		Cooke	9,300	9,300	9,300	9,300	9,300	9,300		
		Five Channels	6,000	5,800	6,000	6,200	6,100	6,200		
		Lond	4,500	4,500	4,800	5,100	4,800	4,850		
		Mio	4,800	4,800	4,600	4,700	4,700	4,700		
		Total	47,638	54,700	62,828	67,026	72,317	72,240		
		Total steam and hydraulic	97,413	97,405	101,698	109,276	115,317	113,440		

MICHIGAN PUBLIC UTILITIES COMMISSION

229

[illegible]

TABLE NO. 3—STATION OUTPUT—Concluded.

No.	Name of utility.	Designation of station.	Maximum peak load (K. W.) for 30 minutes.					Maximum demand factor for year.	Load factor for year.
			January.	February.	March.	October.	November.	December.	
	HYDRAULIC.—Con.								
23	Menominee & Marinette Light & Traction Co.	Ingalls.	1,000	950	900	1,150	950	1,050	5111
24	Michigan Gas & Electric Co.	Constantine.							
25	Michigan Gas & Electric Co.	Brule.	4,300	4,200	4,550	5,300	5,750	5,400	957
26	Peninsular Power Co.	Twin Falls.	489	476	549	642	615	628	4845
30	Thornapple Gas & Electric Co.	Hastings.							3419
32	Benzie County Power Co.	Big Rapids.							
33	Big Rapids Electric Co.	Boyer River.							
34	Boyer River Power Co.	Caro.							
35	Caro Light & Power Co.	Centerville.	70	70	70	70	70	70	50
36	Centerville Water & Electric Co.								
38	Cleveland Cliffs Iron Co.	Carp.							
40	Dundee Power Co.	Dead River.							50
42	Dundee Light & Power Co.	Au Train.						7,690	81
44	Dundee Light & Power Co.	Dundee.							
45	Dundee Light & Power Co.	Plainwell.							
46	Gladwin Light & Power Co.	Gladwin.							
47	Grayling Electric Co.	Grayling.	80	80	80	80	80	80	339
48	Kalkaska Light & Power Co.	Rugg.						76	
49	Milford Electric Co.	Milford.							
50	Onaway Electric Light & Power Co.	Tower.	425	425	425	425	425	425	9444
51	Oscoda Light & Power Co.	Reed City.							
52	Spencer Electric Light & Power Co.	Smyrna.	190	235	140	150	175	220	98
53	Tecumseh Electric Co., The.	Tecumseh.							
54	United Electric Co.								
55	Western Hydro-Electric Co., The.								
56									
57									
60	Anderson Brothers.	Hartford.							
61	Athens Mill & Power Co.	Athens.							
62	Pere Marquette Railway Co. (Baldwin Plant).	Baldwin.							
63	Barryton Electric Light & Power Co.	Barryton.							
66	Boardman Lighting Co.	South Boardman.							
64	Beaverton Light & Power Co.	Beaverton.							
71	Clinton Electric Light & Power Co.	Pinckney.							
75	Elk Electric Co.	Elk Rapids.							
76	Evart Light & Power Co.	Evart.							
79	Frankenmuth Light & Power Co.	Frankenmuth.	(*)						

	Gibbs, Mrs. J. L.....	Mayfield.
81	Gregory Electric Light Plant.....	Gregory.
82	Hartland Light & Power Co.....	Hartland.
86	Homer Electric Light & Power Co....	Homer.
87	Hubbardston Electric Light & Power Co..	Hubbardston.
88	Linden Milling Co.....	Linden.
92	Newaygo Portland Cement Co.....	Newaygo.
101	Oak Grove Light & Power Co.....	Oak Grove.
105	Preston & Sowton.....	Wolverine.
112	Penn Iron Mining Co.....	.
108	River Raisin Hydro-Electric Co.....	.
114	Rose City Lighting Co.....	Rose City.
116	Rouge River Electric Light & Power Co..	Rockford.
117	White River Power & Light Co.....	Whitethall.
126		
	Grand total	
	Grand total, steam and hydraulic.....	

(*) No plant. Flowage rights only.

STATISTICS

TELEPHONE UTILITIES

FOR THE

YEAR ENDING DECEMBER 31, 1919.

NOTE: The data herein published for telephone utilities operating in the State is not complete data for the State but is a compilation of all data reported to the Commission by the utilities. Some utilities have failed to report the full information required by the Commission. Deficiencies will be observed in the data. The companies as far as possible listed in order of their size.

TELEPHONE UTILITIES OF MICHIGAN IN ORDER OF BOOK

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total exchange revenues.	Total toll revenues.	Total operating revenues.
<i>Classes "A" and "B" Utilities.</i>						
1	Michigan State Telephone Co.	Detroit, Mich.	\$42,541,740 54	\$9,543,377 58	\$2,269,849 58	\$11,813,227 16
2	Citizens Telephone Company.	Grand Rapids, Mich.	5,342,844 72	961,913 77	226,374 89	1,188,288 66
3	Valley Home Telephone Co.	Saginaw, Mich.	1,338,379 72	207,493 81	35,895 36	243,389 17
4	Southern Michigan Tel. Co.	Burr Oak, Mich.	1,236,507 85	113,045 95	28,915 28	141,961 23
5	Union Telephone Co.	Owosso, Mich.	1,261,940 95	229,008 92	125,828 04	354,836 96
6	United Home Telephone Co.	Muskegon, Mich.	903,737 85	156,569 77	55,095 99	211,665 76
7	Citizens Telephone Co.	Jackson, Mich.	407,843 06	49,916 39	3,112 57	53,028 96
8	Lenawee Co. Telephone Co.	Adrian, Mich.	293,064 98	63,410 95	19,019 51	82,430 46
9	Home Telephone Co.	Angola, Ind.	225,274 39	44,164 14	8,672 36	52,836 50
10	Van Buren Co. Telephone Co.	South Haven, Mich.	174,801 89	49,524 57	7,807 57	57,322 11
11	Ohio State Telephone Co.	Columbus, Ohio	67,693 46	5,462 16		5,462 16
12	Central Union Telephone Co.	Chicago, Ill.	23,755 58	1,278 00	2,726 55	4,004 55
<i>Class "C" Utilities.</i>						
13	Citizens Telephone Co.	Battle Creek, Mich.	321,153 95	19,954 47	1,817 24	21,771 71
14	Cass Co. Home Tel. Co.	Dowagiac, Mich.	172,021 20	23,612 21	3,749 46	27,361 67
15	Onaway-Alpena Tel. Co.	Alpena, Mich.	162,904 72	38,056 81	10,581 81	48,638 62
16	Consolidated Telephone Co.	Bad Axe, Mich.	150,333 24	25,856 79	8,236 67	34,093 46
17	Benzie Consolidated Tel. Co.	Benzonis, Mich.	79,425 50	12,319 67	3,979 84	16,299 51
18	Clinton Telephone Co.	St. Johns, Mich.	59,637 74	12,979 43	2,711 11	15,690 54
19	Grand Ledge Telephone Co.	Grand Ledge, Mich.	59,893 43			20,280 55
20	Central Michigan Tel. Co.	Laingsburg, Mich.	51,223 06	14,875 34	1,606 00	16,481 44
21	Calhoun Co. Telephone Co.	Homer, Mich.	47,303 04	12,405 24	2,305 75	14,710 99
22	Traverse Bay Telephone Co.	Central Lake, Mich.	37,222 78	10,616 19	1,857 97	12,474 16
23	Livingston Co. Mut. Tel. Co.	Howell, Mich.	35,188 60	22,380 70	1,414 94	23,795 64
24	Morenci Telephone Co.	Morenci, Mich.	36,419 62	11,718 75	1,458 73	13,177 48
25	Blissfield Telephone Co.	Blissfield, Mich.	31,899 01	13,903 75	579 22	14,482 97
26	Tecumseh Telephone Co.	Tecumseh, Mich.	30,070 14	11,437 83	910 74	12,348 57
27	Leslie Home Telephone Co.	Leslie, Mich.	26,921 92	5,001 85	2,785 30	7,787 15
28	Farmers Telephone Co.	Dundee, Mich.	25,335 70	8,148 80	1,373 85	9,522 67
29	Saline Telephone Co.	Saline, Mich.	24,906 63	10,345 57	486 69	10,832 26
30	Cheaning Telephone Co.	Cheaning, Mich.	24,200 00	7,868 10	764 08	8,632 90
31	Manistique Telephone Co.	Manistique, Mich.	25,763 06	13,756 04	1,964 91	15,540 95
32	Reading Central Tel. Co.	Reading, Mich.	33,718 45	5,961 13	2,755 37	8,716 50
33	Camden Rural Telephone Co.	Camden, Mich.	17,828 70	11,484 15	1,461 36	12,945 51
34	Eaton Co. Telephone Co.	Charlotte, Mich.	17,073 58	9,438 77	648 80	10,087 57
35	Cass City Telephone Co.	Cass City, Mich.	14,281 20	8,560 39	686 08	9,246 47
36	Croswell Telephone Co.	Croswell, Mich.	14,224 36	10,946 81	1,698 26	12,645 07
37	Ontonagon Co. Telephone Co.	Rockland, Mich.	13,395 99	7,136 22	2,534 56	9,670 77
38	Brown City Telephone Co.	Brown City, Mich.	9,400 63	7,686 75	530 75	8,217 50
39	Western Allegan Co. Tel. Co.	Ganges, Mich.	8,065 43	12,723 82	828 51	13,552 33
40	Hillsdale Co. Telephone Co.	Osseo, Mich.				10,893 03
41	Mich. Ind. Tel. & Traffic Asso.	Grand Rapids, Mich.	1,088 45	17,774 56	4,974 65	22,749 21
<i>Class "D" Utilities.</i>						
42	Citizens Telephone Co.	Marshall, Mich.	43,790 51	83 66	71 32	154 98
43	Home Telephone Co.	Grass Lake, Mich.	40,809 00	8,690 79	1,267 72	9,958 51
44	Moore Telephone System	Caro, Mich.	34,801 47	15,892 56	1,029 75	16,922 31
45	Milford Home Telephone Co.	Milford, Mich.	23,777 17	6,783 73	655 69	7,439 42
46	Ida Telephone Co.	Ida, Mich.	20,780 00	8,263 58	434 61	8,698 19
47	United Telephone Co.	Fremont, Mich.	18,785 32	3,000 00	1,190 00	4,190 00
48	Missaukee Telephone Co.	Lake City, Mich.	18,610 00	4,223 91		4,223 91
49	Portland Telephone Co.	Portland, Mich.	17,750 00	4,515 00		4,515 00
50	Huron Telephone Co.	Huron, Mich.	15,950 00	5,620 92		5,620 92
51	Munger & Reese Tel. Co.	Munger, Mich.	14,790 90	4,650 00	78 12	4,728 12
52	The Davis Telephone Co.	Davis, Mich.	14,073 37	6,233 94	133 17	6,369 65
53	St. Clair Central Tel. Co.	Memphis, Mich.	13,250 00	5,171 62	386 14	5,557 76
54	North Branch Tel. Co.	No. Branch, Mich.	13,100 00	6,803 05	432 05	7,235 10
55	Sunfield Telephone Co.	Sunfield, Mich.	12,983 61	6,217 13	1,708 07	7,925 20
56	Pigeon Telephone Co.	Pigeon, Mich.	12,480 00	5,628 24	459 36	6,087 60

MICHIGAN PUBLIC UTILITIES COMMISSION

235

INVESTMENT AS PER THEIR REPORTS OF DECEMBER 31, 1919.

Total operating expenses.	Total taxes paid.	Total miles of pole line.	Total miles of wire in underground cable.	Total miles of wire in cable.	Total miles of aerial wire.	Total miles of all wire.	Total number of stations.
\$10,206,454 28	\$421,265 64	15,183.44	475,459 89	234,051.99	149,626.95	859,138.83	286,018
850,129 45	80,404 98	4,120	49,762	24,731	25,547	100,040	42,362
187,559 78	17,782 18	860	5,785	5,500	7,615	18,900	
190,300 98	5,590 26	2,082.78	1,204	5,374	11,765	18,545	7,015
257,021 96	25,758 81	2,562.29	1,150 20	8,728.41	14,903.19	24,781.80	14,542
133,148 23	15,795 05	1,045	7,100	4,397	5,698	17,195	8,810
57,221 84	3,834 09	159	3,725	2,912	1,020	7,667	2,761
54,496 24	12,036 61	281	1,227	1,736	1,755	4,718	3,784
43,183 02	1,603 85	491	44	134	2,105	2,283	2,799
-56,075 81	3,497 32	831.49	1,185.1	317.21	3,961.81	5,464.03	3,176
7,014 00	1,025 00	168			1,157	1,157	
4,234 33	302 69	60.12			389.02	389.02	71
48,090 98	1,614 36	55		3,200	449	3,649	983
28,487 54	1,456 47	394		1,027	1,764.00	2,791	1,570
39,863 19	3,049 33	503		343	2,141	2,484	1,239
26,092 81	1,200 00	392		150	1,104	1,254	1,805
15,875 75	792 08	375		97	1,171	1,268	1,268
9,096 04	1,386 49	240		500	1,025	1,525	1,081
16,986 54	781 92	125	302	698	780	1,780	1,184
12,567 90	1,832 13	160		210	560	770	1,010
11,105 93	726 17	199		124	1,034	1,158	880
10,238 38	550 65	241		62	867	929	705
19,919 13	665 92	286		228	1,329	1,557	1,512
9,760 65	708 30	80		469	531	1,000	900
11,429 50	1,227 30	100		120	750	870	920
8,746 89	1,164 58						634
6,278 39	336 20	77		35	300	235	587
8,315 82	403 59	84		400	400	800	532
8,859 99	302 69	102		226	557	783	636
8,024 00	286 03	75		172	378	550	516
10,876 53	1,026 21	43		360	265	625	607
6,636 62	252 24	22		196	78	274	567
10,382 25	438 19	141		12	502	585	940
9,024 12	417 23	104		3	519	522	810
9,275 39	342 24	167		37	536	573	686
11,898 87	1,346 31	200			587	587	620
8,744 99	161 44	66		11	154	165	280
7,662 16	275 00	115				240	515
11,039 34	151 08	98		18	230	248	584
9,772 65	403 59	180				650	890
22,894 62	20 18						
4,687 87	302 59	39		519	79	598	9
7,074 72	548 34	177		200	638	838	648
17,601 56	908 00	251		349	1,140	1,489	937
6,206 85	360 00	100		600	400	1,000	450
7,207 00	363 23	114		21	396	417	562
4,238 45	201 79	232			464	464	
4,110 00		75			300	300	225
1,844 00	300 00	93			360	360	261
5,895 17		70		200	71	271	300
4,427 54	201 79	80		24	231	256	285
6,404 69	263 13	107		61	434	495	394
5,230 49	201 79	114			296	296	404
5,565 00	137 00	80			213	213	450
9,084 60	308 30	75		125	60	185	380
4,017 17	131 17	55		40	182	222	474

FIRST ANNUAL REPORT

TELEPHONE UTILITIES OF MICHIGAN IN ORDER OF BOOK

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total exchange revenues.	Total toll revenues.	Total operating revenues.
57	Farmers Exchange Co.	Vickeryville, Mich.	\$12,922 46	\$3,950 00		\$3,950 00
58	Birch Lake Telephone Co.	Zandania, Mich.	12,290 00	4,398 98		4,398 98
59	Rural Telephone Co.	Waterloo, Mich.	11,800 00	4,123 95	\$123 55	4,257 50
60	Palo Telephone Co.	Palo, Mich.	11,640 00	1,969 16	107 99	2,077 15
61	Capac Tel. & Messenger Co.	Capac, Mich.	11,853 83	5,204 65	483 93	5,688 58
62	Pickford Telephone Co.	Pickford, Mich.	11,000 00	3,288 45	4,668 61	7,957 06
63	Columbiaville Tel. Co.	Columbiaville, Mich.	11,050 00	6,145 07	298 00	6,443 07
64	Harbor Beach Telephone Co.	Harbor Beach, Mich.	10,428 81	5,359 76	500 93	5,860 09
65	St. Mary's Telephone Co.	St. Ste. Marie, Mich.	10,000 00	600 00		600 00
66	Thumb Telephone Co.	Port Sanilac, Mich.	10,000 00	3,960 00	150 00	4,110 00
67	Tuscola Farmers Tel. Co.	Millington, Mich.	10,000 00	8,108 25	485 35	8,593 60
68	Staley & Bricker Tel. Co.	Yale, Mich.	10,389 00	7,283 00	465 00	7,728 00
69	Farmers Ind. Tel. Co.	Decker'sville, Mich.	9,500 00	6,794 01	507 04	7,301 05
70	Farmers Ind. Tel. Co.	Temperance, Mich.	9,738 00	3,600 00	75 00	4,315 00
71	Shiawassee & Genesee Mutual Telephone Co.	Lennon, Mich.	9,690 00	7,686 93		7,686 93
72	Port Hope Telephone Co.	Port Hope, Mich.	9,352 32	2,349 49	379 91	2,729 40
73	Borculo Ind. Tel. Co.	Borculo, Mich.	9,350 98	1,866 01	83 41	2,159 42
74	Peoples Mutual Tel. Co.	Webberville, Mich.	9,350 63	3,262 00	124 00	3,262 00
75	Allendale Telephone Co.	Allendale, Mich.	1,349 40	2,606 64	106 85	2,715 49
76	Baraga Co. Telephone Co.	Baraga, Mich.	9,105 00	3,752 00	490 00	4,242 00
77	Williamston Telephone Co.	Williamston, Mich.	8,611 73	4,398 97	596 93	5,020 20
78	Lawrence Mutual Tel. Co.	Lawrence, Mich.	8,450 00	3,862 20	101 79	3,963 99
79	Whiteford Farmer's Tel. Co.	Whiteford Center.	8,446 70	5,394 33	479 32	5,873 65
80	Rudyard Telephone Co.	Rudyard, Mich.	8,160 93	2,127 48	152 85	2,280 33
81	North Parma Tel. Co.	Parma, Mich.	8,000 00	4,413 56	242 50	4,656 06
82	East Shore Telephone Co.	Lakeside, Mich.	8,135 00	225 00		225 00
83	Grand Blanc Telephone Co.	Grand Blanc, Mich.	8,000 00	3,785 80	261 75	4,047 55
84	Rollin Telephone Co.	Manitou B'h, Mich.	7,500 00			5,403 53
85	Deerfield Farmers Tel. Co.	Deerfield, Mich.	7,500 00	4,704 00		4,704 00
86	Jeddo Telephone Exchange.	Jeddo, Mich.	7,000 00	2,372 20	97 80	2,470 00
87	Leelanau Mutual Tel. Co.	Northport, Mich.	6,805 20	2,386 50	400 00	2,786 50
88	Minden City Telephone Co.	Minden City, Mich.	6,643 00	2,253 34	156 37	2,409 71
89	Citizens Telephone Co.	Schoolcraft, Mich.	6,521 87	6,719 33	2,151 70	8,871 03
90	Sand Creek Tel. Co.	Sand Creek, Mich.	6,500 00	2,132 26	100 65	2,232 91
91	Grayling City Tel. Co.	Grayling, Mich.	6,350 47	5,574 48		5,574 48
92	Pinconning Mutual Tel. Co.	Pinconning, Mich.	6,198 48	3,490 99	437 51	3,928 50
93	Richmond Telephone Co.	Richmond, Mich.	6,120 89	6,495 59	704 32	7,199 91
94	Springport Mutual Tel. Co.	Springport, Mich.	6,115 00	2,657 29		2,657 29
95	Beaverton Tel. Co.	Beaverton, Mich.	6,000 00	1,797 00	310 00	2,107 00
96	Ogemaw Telephone Co.	Rose City, Mich.	6,000 00	2,646 00	194 00	2,840 00
97	Crystal Telephone Co.	Crystal, Mich.	5,670 40	2,281 80	164 33	2,446 13
98	Citizens Tel. Co. of Berrien Co.	New Troy, Mich.	5,600 00	3,975 00	180 00	4,155 00
99	Pullman Telephone Co.	Edwardsburg, Mich.	5,517 81	2,700 00	228 50	2,928 50
100	Suttons Bay Telephone Co.	Suttons Bay, Mich.	5,445 00			1,973 40
101	Newton & Leroy Tel. Co.	Sanoma, Mich.	5,402 75	1,716 47	11 09	1,727 66
102	Akron Home Tel. System.	Akron, Mich.	5,204 09	2,680 47	232 05	2,912 52
103	Clifford Telephone Co.	Clifford, Mich.	5,206 98	2,678 00	185 92	2,863 92
104	Nadeau Township Tel. Co.	Carney, Mich.	5,125 00	863 71	151 45	1,015 16
105	Iosco Co. Telephone Co.	Malthy, Mich.	5,160 00	1,706 25	228 12	1,934 37
106	Citizens Telephone Co.	Harrisville, Mich.	5,150 00	3,905 56	418 78	4,324 34
107	Citizens Tel. Co. of Banfield.	Banfield, Mich.	5,100 00	2,628 55	149 87	2,778 42
108	Farmers Mut. Tel. Co. of Grand Traverse Co.	Summit City, Mich.	5,060 65	2,982 28	177 27	3,159 55
109	Coloma Telephone Co.	Coloma, Mich.	5,000 00			4,219 11
110	Holton Mutual Tel. Co.	Holton, Mich.	5,000 00	2,452 35		2,452 35
111	The Mundy Telephone Co.	Swartz Creek, Mich.	5,000 00	4,692 48	262 96	4,955 44
112	Oceana Farmers Mut. Tel. Co.	Hart, Mich.	5,000 00	3,267 43		3,267 43
113	The Allen Mutual Tel. Co.	Allen, Mich.	4,800 00	3,207 81	80 00	3,287 81
114	Anchor Bay Telephone Co.	New Baltimore, Mich.	4,789 00	2,652 40	111 73	2,764 13
115	Woodland Tel. Exchange.	Woodland, Mich.	4,760 00	4,344 50	250 00	4,594 50

MICHIGAN PUBLIC UTILITIES COMMISSION

237

INVESTMENT AS PER THEIR REPORTS OF DECEMBER 31, 1919.—Continued.

Total operating expenses.	Total taxes paid.	Total miles of pole line.	Total miles of wire in underground cable.	Total miles of wire in cable.	Total miles of aerial wire.	Total miles of all wire.	Total number of stations.
\$2,572 12	\$144 10	121			268	268	310
3,572 61	182 61	65		150	20	170	270
4,497 55		90			190	190	363
1,891 79	151 93	72		6	320	326	140
5,086 50	190 55	44		40	286	326	356
7,102 42	354 64	145		22½	285	285	270
5,797 03	161 45	62			200	200	446
4,140 78	407 84	69			179	179	312
534 46	65 54	33			132	132	
4,136 00	119 36	70			210	210	330
7,025 98	696 09	126			362	362	500
5,095 00	201 79	105			295	295	420
4,605 69	191 70	114		67	329	396	427
4,128 28	80 72	45			175	175	309
7,401 15	152 44	98			253	253	467
2,347 75	91 39	55		4	195	199	155
1,838 51		75		150		150	284
2,944 54	60 54	69		22	154	176	314
1,328 55	110 28	63		80 ft.	234	234	263
3,157 00	100 00	86			214	214	239
5,508 50	158 46			94	114	209	351
4,475 95	141 26	70			302	302	283
5,233 61	640 04	90				90	395
2,361 06	70 63	62			123	123	215
4,744 89	90 87	120					400
301 00	80 44	19			125	125	9
4,378 40	319 50	60			180	180	310
5,280 09	80 72	100			300	300	262
4,700 00		120		13	420	433	590
2,315 00	55 00	44			72	72	163
2,334 00	90 81	60			166	166	211
1,201 10	92 81	54			130	130	164
5,136 86	473 93	83		71	291	362	359
2,688 29	44 39	50		1,250 ft.	110	111	217
5,319 63	85 75	10		3,300 ft.		3,300 ft.	345
3,950 64	146 79	74½		2	269	271	347
5,885 54	116 96	23		275	124	399	569
2,799 04	80 72	175			330	330	340
1,946 00		20					331
2,957 00	61 00	86					240
2,810 52	201 00	47		5	162	167	197
4,252 86	80 70	58				175	280
2,759 11		45			155	155	191
1,409 42							241
2,192 66	40 36	29¾			143¾	143¾	112
2,775 38	70 63	23		10	92	102	195
2,810 15	70 63	42			152	152	196
1,043 61	50 45	33½			136	136	122
2,046 56	70 63	65			211	211	138
4,513 43		98		265	1,750 ft.	265	252
3,092 61	36 32	76			212	212	202
2,676 72	77 08	41			144	144	118
3,891 14	262 77	45½			160	160	229
2,387 63		60			100	100	172
4,505 02	141 17	70			250	250	348
1,977 76		212			271	271	
3,192 24	78 67	40			40	40	277
2,439 13	30 27	8		16	79	95	251
4,260 00		50			250	250	350

TELEPHONE UTILITIES OF MICHIGAN IN ORDER OF BOOK

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total exchange revenues.	Total toll revenues.	Total operating revenues.
116	The Gobleville Farmers Mut. Telephone Co.	Gobleville, Mich.	\$4,600 00			\$3,486 36
117	Climax Citizens Tel. Co.	Climax, Mich.	5,850 00	\$2,370 77	\$31 15	2,401 92
118	Easton Ind. Tel. Co.	Orleans, Mich.	4,500 00	2,508 83		2,508 83
119	Lacey Mutual Tel. Co.	Lacey, Mich.	4,580 00	1,690 11	32 40	1,722 51
120	Westphalia Telephone Co.	Westphalia, Mich.	4,387 66	1,641 30	121 04	1,762 34
121	Kinde Telephone Co.	Kinde, Mich.	4,330 76	2,016 00	140 00	2,156 00
122	Wm. Bedford Telephone Co.	Caseville, Mich.	4,175 00	1,585 62		1,585 62
123	Augusta Telephone Co.	Augusta, Mich.	4,027 99			2,525 84
124	Washington Center Mut. Tel. Co.	Pompeii, Mich.	4,020 00	1,536 15	178 97	1,715 12
125	Hamilton Mutual Tel. Co.	Hamilton, Mich.	4,006 24	2,821 16	50 45	2,871 61
126	Oceola Rural Tel. Co.	Hartwick, Mich.	3,970 00	1,305 00	269 00	1,574 00
127	Ovid Mutual Tel. Co.	Ovid, Mich.	3,940 00	2,079 65	172 80	2,252 45
128	Cambria Rural Tel. Co.	Cambria, Mich.	3,870 87	1,914 81	219 43	2,134 24
129	Chas. Zeigun Tel. Co.	Dryden, Mich.	3,775 00	3,206 25	200 00	3,406 25
130	Adamsville Tel. Union	Mason Twp., Mich.	3,750 00	2,151 93	131 34	2,283 27
131	Springport Tel. Exch. Co.	Springport, Mich.	3,743 00	2,143 28		2,143 28
132	The Levering Tel. Co.	Levering, Mich.	3,700 00	1,641 09	148 52	1,789 61
133	Warren Rural Tel. Co.	Warren, Mich.	3,481 00	3,036 50	53 00	3,089 50
134	Brown's Telephone Line	Chatham, Mich.	3,603 00	357 81	1,977 73	2,335 54
135	Locke Mutual Tel. Co.	Webberville, Mich.	3,525 00	2,273 60	220 80	2,494 40
136	Grawn Rural Tel. Co.	Grawn, Mich.	3,470 00	1,092 58	199 75	1,292 33
137	Stanwood Telephone Co.	Stanwood, Mich.	3,264 79	1,752 54		1,752 54
138	Perrinton Ind. Tel. Co.	Perrinton, Mich.	3,214 19			2,430 54
139	Keweenaw Bay Local Tel. Co.	Keweenaw Bay, Mich.	3,135 91	699 00	81 48	780 48
140	The Dalton Telephone Co.	Dalton, Mich.	3,034 64	802 50	68 80	871 30
141	Farmers Mutual Tel. Co.	Elmdale, Mich.	3,000 00	2,165 65		2,165 65
142	Alpha Telephone Co.	Alpha, Mich.	2,983 75	654 50	1,106 28	1,760 78
143	Citizens Mutual Tel. Co.	Vantown, Mich.	2,850 00			720 00
144	Orion Telephone Co.	Orion, Mich.	2,815 00	3,174 08	797 61	3,971 69
145	Ortonville Telephone Co.	Ortonville, Mich.	2,800 00	1,698 67	162 74	1,861 51
146	Thetford Telephone Co.	Clio, Mich.	5,783 20	2,220 00	23 00	2,243 00
147	Laporte Telephone Co.	Laporte, Mich.	2,765 16	1,069 14	49 86	1,119 00
148	Waldron Telephone Co.	Waldron, Mich.	2,663 06	3,536 37	416 82	3,953 19
149	Daggett-Nathan-Faithorn Tel. Co.	Daggett, Mich.	2,626 80	246 35	297 00	543 35
150	Watson Telephone Co.	Watson Twp., Mich.	2,660 00	1,695 78	150 74	1,846 52
151	Aurelius & Vevay Tel. Co.	Aurelius, Mich.	2,600 00	1,089 16	142 66	1,231 82
152	Brimley Telephone Co.	Brimley, Mich.	2,600 00	850 00	120 00	970 00
153	Weneeda Telephone Co.	Waterloo, Mich.	2,600 00	1,259 49		1,259 49
154	Chapin Mutual Tel. Co.	Fennore, Mich.	2,600 00	540 00	28 70	568 70
155	Hills Rural Tel. System	Au Gres, Mich.	2,585 04	1,335 09	26 25	1,361 34
156	Walled Lake Home Tel. Co.	Walled Lake, Mich.	2,575 00	1,505 00	124 00	1,629 00
157	Lakefield Telephone Co.	McMillan, Mich.	2,500 00	872 00		872 00
158	Delton Telephone Co.	Delton, Mich.	2,500 00	1,787 55	155 09	1,942 64
159	Samaria Farmer's Tel. Co.	Samaria, Mich.	2,500 00	1,760 57	96 82	1,857 39
160	Bloomington Tel. Co.	Bloomington, Mich.	2,500 00	2,615 70	77 82	2,693 52
161	Carr Telephone Co.	Branch, Mich. No. 1.	2,485 48	745 14	103 03	848 17
162	Wexford Co. Ind. Tel. Co.	Mesick, Mich.	2,471 00	2,415 51	488 54	2,904 05
163	Blanchard Telephone Co.	Blanchard, Mich.	2,356 35	2,792 16		2,792 16
164	Roscommon Telephone Co.	Roscommon, Mich.	2,225 00	825 52	175 65	1,001 17
165	Shawassee Mutual Tel. Co.	Bancroft, Mich.	2,300 00	1,418 22	115 75	1,533 97
166	Ensley Farmers' Tel. Co.	Sand Lake, Mich.	2,300 00			778 56
167	Leighton Telephone Co.	Leighton Twp., Mich.	2,300 00	1,143 44		1,143 44
168	Kalkaska Co. Tel. Co.	S. Boardman, Mich.	2,275 00	822 55	28 50	851 05
169	Marion Telephone Co.	Marion, Mich.	2,250 00	1,383 14	239 42	1,622 56
170	Montrose Home Tel. Co.	Montrose, Mich.	2,230 00	2,565 76	204 00	2,769 76

MICHIGAN PUBLIC UTILITIES COMMISSION

239

INVESTMENT AS PER THEIR REPORTS OF DECEMBER 31, 1919.—Continued.

Total operating expenses.	Total taxes paid.	Total miles of pole line.	Total miles of wire in underground cable.	Total miles of wire in cable.	Total miles of aerial wire.	Total miles of all wire.	Total number of stations.
\$3,395 47	\$138 50	48			130	130	234
1,710 26	87 69	61				219	188
2,508 83	52 17	59		10	196	206	200
1,676 50	40 36	41½			146	146	159
1,571 32		39.75		5 50	148.50	154	177
2,545 50	81 00	48½		2	105	107	131
1,754 65		140				244	250
2,228 63		63				127.12	131
1,597 34	52 48	82			176	176	200
2,465 89	60 46	74½			117	117	318
1,297 10		50			125	125	145
2,578 80	82 25	61		3	303	306	251
1,825 96	50 45	38			144	144	189
3,207 22		48		142		142	225
1,864 61	60 54						146
2,440 66	32 21	10		50	100	150	152
1,874 08	70 63	48					124
2,559 99	30 27	39			85	95	167
1,290 60	50 45	56			82	82	100
3,052 43	85 53	250					250
1,173 11		34			34	34	138
2,431 04	40 36						212
2,483 58		23½				59½	101
590 59		29				63	80
726 08	48 70	28½			85½	86	54
2,172 83	40 36	30				70	70
1,644 51							52
658 23	14 13	41			87	87	88
4,029 38	60 54	8			35	35	243
1,863 39	40 36						180
2,107 00	70 63	48			180	180	185
1,086 26	50 45						84
3,354 80	60 25	35		10	177	187	280
273 81		28			75	75	37
1,613 05	40 36	51			114	114	213
1,131 48	24 22	36			117	117	105
880 00		53		1	121	122	81
1,020 38	50 48	53			110	110	84
525 64	10 97	26			52	52	45
1,422 00	34 25						31
2,616 30	327 19	31			90	90	132
840 00		54			100	100	
1,849 29		63			63	63	153
1,558 75	50 45	43			156	156	180
2,788 26	56 95	30		8	150	158	253
715 02	58 57	36			54	54	80
2,421 99	482 16	62			109	218	185
3,152 82		55			180	180	233
970 24	14 13	35		4	40	44	60
1,486 11	41 56	55		1	165	166	185
638 16		25½			134½	134½	96
1,002 88		43				227	210
904 25	24 22	65			120	120	185
1,770 34		2		37	48	85	251
2,230 00	70 63	10			31	31	225

TELEPHONE UTILITIES OF MICHIGAN IN ORDER OF BOOK

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total exchange revenues.	Total toll revenues.	Total operating revenues.
171	Cooper's Branch Tel. Co.	Cassopolis, Mich.	\$2,200 00	\$688 00		\$688 00
172	Rives Telephone Co.	Rives Jct., Mich.	2,166 32	1,518 40	\$105 83	1,624 23
173	Goodrich Telephone Co.	Goodrich, Mich.	2,115 00	1,800 00	174 74	1,974 74
174	Okemos Ind. Tel. Co.	Okemos, Mich.	2,105 00	886 12	62 25	948 37
175	Marenisco Telephone Co.	Marenisco, Mich.	2,026 97		948 90	948 90
176	Gaines Farmers Mut. Tel. Co.	Gaines, Mich.	2,000 00	1,412 25	192 56	1,604 81
177	Sagola Telephone Co.	Sagola, Mich.	2,000 00	456 00	758 27	1,214 27
178	Citizens Mutual Tel. Co.	Howard City, Mich.	2,000 00	2,437 85	460 88	2,918 73
179	Leslie & Onondaga Tel. Co.	Onondaga, Mich.	2,000 00	549 75		549 75
180	Oscoda Co. Farmers Mutual Telephone Co.	Fairview, Mich.	2,000 00	1,269 84		1,269 84
181	Hickory Corners Tel. Co.	Hickory Cor's, Mich.	2,000 00	1,531 85	158 11	1,689 96
182	The Shiawassee Tel. Co.	Perry, Mich.	1,980 00	2,998 00	240 50	3,238 50
183	Independent Tel. Co. (Tipton)	Tipton, Mich.	1,960 00	991 91	225 72	1,217 63
184	Brant Home Tel. Co.	Brant, Mich.	1,933 00	1,405 00	50 00	1,455 00
185	Mack Roadway Co. Tel. Co.	Addison Twp.	1,916 25	1,090 25		1,090 25
186	Lacota Mutual Tel. Co.	Lacota, Mich.	1,853 00	782 26	51 30	833 56
187	Montmorency Co. Tel. Co. Ltd.	Atlanta, Mich.	1,723 00	677 00	212 83	889 83
188	Empire Rural Tel. Co.	Empire, Mich.	1,715 00	1,065 50	157 05	1,222 55
189	Chambers Telephone Co.	Postoria, Mich.	1,700 00	1,575 00	100 00	1,675 00
190	The Winn Telephone Co.	Winn, Mich.	1,610 00	928 00	77 55	1,005 65
191	Oak Grove & Ensley Mutual Telephone Co.	Ensley Twp., Mich.	1,600 00	232 24		232 24
192	Avoca Telephone Co.	Avoca, Mich.	1,567 75	1,125 00		1,125 00
193	Montcalm Telephone Co.	Greenville, Mich.	1,563 24	565 60		565 60
194	Alba Telephone Co.	Alba, Mich.	1,520 00	1,228 58	104 55	1,433 13
195	Britton Telephone Co.	Britton, Mich.	1,517 00	435 00	120 00	555 00
196	Provenmont Telephone Co.	Provenmont, Mich.	1,500 00	1,285 00	254 29	1,539 29
197	Clayton Telephone Co.	Clayton, Mich.	1,500 00	2,776 15		2,776 15
198	County Line Ind. Co.	Cohoctah, Mich.	1,500 00			
199	Fayette Rural Tel. Co.	Jonesville, Mich.	1,500 00	3,112 95		3,112 95
200	Morrice Telephone Co.	Morrice, Mich.	1,500 00	1,333 00	175 00	1,508 00
201	Ogden Mutual Tel. Co.	Ogden Center, Mich.	1,436 47	4,387 51		4,387 51
202	Home Telephone Co.	Monroe, Mich.	1,423 00			1,656 79
203	Ceresco Telephone Co.	Ceresco, Mich.	1,550 00			
204	Mason & Okemos Tel. Co. Ltd.	Mason, Mich.	1,400 00	491 00		491 00
205	R. E. Kinney's Tel. Co.	Highland, Mich.	1,400 00	2,500 00	400 00	2,900 00
206	Alamo Mutual Tel. Co.	Alamo, Mich.	1,325 00	1,621 79	315 50	1,937 29
207	The Smyrna Telephone Co.	Smyrna, Mich.	1,315 70			836 39
208	No. Onondaga & Eaton Rapids Telephone Co.	Eaton Rapids, Mich.	1,310 00	362 70		362 70
209	Buckeye Telephone Co.	Alanson, Mich.	1,300 00	855 34	69 16	924 50
210	Brookfield Mutual Tel. Co.	Brookfield, Mich.	1,233 41	400 00	84 00	494 00
211	Baroda Telephone Co.	Baroda, Mich.	1,275 00	3,900 00	220 00	4,120 00
212	Walloon Lake Tel. Co.	Walloon Lake, Mich.	1,255 44			
213	Glenn Mutual Tel. Co.	Olean, Mich.	1,250 00	1,439 22	575 81	2,015 03
214	Trout Creek & Calderwood Telephone Co.	Trout Creek, Mich.	1,249 38	361 03	89 24	450 27
215	Lakefield Telephone Co.	McMillan, Mich.	1,206 00	954 00		954 00
216	Northwest Leslie and North-east Onondaga Tel. Co.	Leslie, Mich.	1,200 00			423 52
217	Broomfield Telephone Co.	Millbrook, Mich.	1,200 00	1,800 00		1,800 00
218	Peninsula Telephone Co.	Traverse City, Mich.	1,200 00	568 41		568 41
219	Chapin Mutual Tel. Co.	Fennore, Mich.	1,188 00	554 00	15 06	569 06
220	Central Citizens Tel. Co.	Nedina Twp., Mich.	1,170 00	760 66	561 16	1,321 82
221	Onsted Telephone Exchange.	Onsted, Mich.	1,150 00			1,320 00
222	Alpena & Presque Isle Tel. Co.	Alpena, Mich.	1,047 47	230 50	134 87	365 37
223	Litchfield Farmers Mutual Telephone Co.	Litchfield, Mich.	1,020 00		47 50	47 50
224	Clarklake Switch Board Ass'n.	Clarklake, Mich.	1,000 00	325 00	25 00	350 00
225	Garden Telephone Co.	Garden, Mich.	1,000 00	840 00		840 00

INVESTMENT AS PER THEIR REPORTS OF DECEMBER 31, 1919.—Continued.

Total operating expenses.	Total taxes paid.	Total miles of pole line.	Total miles of wire in underground cable.	Total miles of wire in cable.	Total miles of aerial wire.	Total miles of all wire.	Total number of stations.
\$659 27	\$28 73	18			75	75	...
1,086 20	30 34	35½		82	52	82	124
1,669 00	36 00	26			52	52	194
862 35	23 76	6			32	32	109
780 27		24			48	48	11
1,428 89		28				42	129
927 65	182 80	32		¼	64	64¼	24
1,931 45		15				32	318
549 75		32				32	184
1,125 51	40 36	47				110	117
1,598 94	30 27	33			75¼	75¼	193
3,153 59	54 83	34		17	97	114	239
1,434 80	21 93	48			85	85	101
1,624 00	18 28	37			114	114	98
649 76	10 09	39½			80	80	97
717 14	11 07	29			52	52	100
819 00	113 12	60			100	100	100
1,066 88	20 18	26½				26½	170
1,305 00	60 76	56				90	185
749 97	28 79	41½			101	101	135
305 23		23			96	96	...
613 05	36 32	23½				67	88
614 98		39			107	107	67
1,334 37	47 80	23			23	23	73
605 00	120 00	67		½	300	300½	299
1,370 20	41 00						146
2,451 39	34 31	36			67	67	256
2,176 62	36 32	30			55	55	120
2,771 22		6					280
975 00		1½				15	55
4,125 96	191 41	68½		2	360	362	268
1,480 91	91 39						
403 63		15			62	62	50
463 50	30 57	28				68	...
1,600 00		6			54	54	240
2,149 36	48 93	44½				67½	140
738 37	30 27	17				58	60
229 50	18 28	16½			74	74	42
746 42	20 79	39			82	82	75
481 70		13			29	29	90
3,792 00	110 59	67		3	265	268	260
1,763 64	24 22	5			14	14	17
		48½			108½	108½	155
226 70		15			36	36	22
915 00	50 45	80				160	...
401 68		15½			49	49	...
1,532 80	30 27	22				63	120
554 71	12 11	26			52	52	50
1,212 61	34 31	23				81½	44
1,250 00							129
320 88		23			32	32	328
							11
	71 33	65			160	160	359
350 00		15			30	30	53
1,543 00		32				32	40

TELEPHONE UTILITIES OF MICHIGAN IN ORDER OF BOOK

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total exchange revenues.	Total toll revenues.	Total operating revenues.
226	Grand Junction Tel. Co.	Grand Jct., Mich.	\$1,000 00	\$1,135 96	\$100 00	\$1,235 96
227	Munising Tel. & Elec. Co.	Munising, Mich.	1,000 00	5,109 43	640 20	5,749 63
228	The Scofield Tel. Co.	Scofield, Mich.	1,000 00	1,488 81	.....	1,488 81
229	Dansville Tel. Exchange.	Dansville, Mich.	1,000 00	.....	.....	1,023 00
230	Leonard Telephone Co.	Leonard, Mich.	988 55	571 45	123 23	694 68
231	North Street Tel. Co.	Atkins, Mich.	979 79	980 30	.....	980 30
232	Billings Telephone Co.	Coleman, Mich.	925 00	385 80	24 80	410 60
233	Allegan Farmers' Tel. Co.	Chicora, Mich.	888 74	817 00	11 38	828 38
234	Sanford Mutual Tel. Co.	Sanford, Mich.	879 75	672 00	80 30	752 30
235	St. Charles Roadway Tel. Co..	Ithaca, Mich.	870 00	680 69	.....	680 69
236	West Antrim Telephone Co.	Morrice, Mich.	855 00	642 77	20 00	662 77
237	Independent Telephone Co.	Tipton, Mich.	841 37	1,393 60	219 38	1,612 98
238	Newport Telephone Co.	Newport, Mich.	800 00	.....	.....	1,804 17
239	Harlan Rural Telephone Co.	Harlan, Mich.	800 00	1,221 57	25 00	1,246 57
240	Ewen Telephone Co.	Ewen, Mich.	800 00	1,080 00	125 00	1,205 00
241	Boyne Valley Tel. Exchange.	Boyne Falls, Mich.	759 12	526 52	149 51	676 03
242	Linton Baker Tel. Co.	Berlamont, Mich.	709 00	608 30	.....	608 30
243	No. Adams Switchboard Assn	No. Adams, Mich.	650 00	.....	.....	.....
244	Scio Telephone Co.	Washtenaw Co., Mich	600 00	791 10	111 50	902 60
245	Copemish Mutual Tel. Co.	Copemish, Mich.	600 00	1,660 48	640 15	2,300 63
246	Cedar Telephone Co.	Cedar, Mich.	591 50	634 00	182 60	816 60
247	The Macon Telephone Co.	Macon, Mich.	555 00	1,758 39	164 00	1,922 39
249	Holloway Telephone Co.	Holloway, Mich.	400 00	1,781 77	15 00	1,796 77
249	Fremont Northwestern Tel. Co	Fremont, Mich.	375 00	7 35	.....	7 35
250	Breedsville Mut. Tel. Co.	Breedsville, Mich.	329 52	884 48	28 50	912 98
251	Smith Creek Telephone Co....	Smith Creek, Mich.	300 00	808 00	108 20	916 20
252	Lyndilla Telephone Co.	Gregory, Mich.	267 00	.....	.....	.....

MICHIGAN PUBLIC UTILITIES COMMISSION

243

INVESTMENT AS PER THEIR REPORTS OF DECEMBER 31, 1919.—Concluded.

Total operating expenses.	Total taxes paid.	Total miles of pole line.	Total miles of wire in underground cable.	Total miles of wire in cable.	Total miles of aerial wire.	Total miles of wfr wire.	Total number of stations.
\$1,212 94		35				65	115
5,569 30	\$239 06	7		62	36	98	247
1,423 70		30			60	60	80
364 00		1				57	199
443 62	10 09	7			46	46	75
820 93	10 09						53
502 00		28			86	86	79
819 95	18 28	30			47	47	95
754 00	27 83	20				20	50
651 63	10 09	11			50	50	60
340 35		15			36	36	
1,490 37	59 99	48			85	85	203
1,804 17		28				50	133
1,127 47	36 32	28				93½	89
1,576 10		1½			20	20	50
676 03		14		½		14½	35
530 20	10 09	31				46	100
902 60		38				209	83
2,196 93							
448 00						8	141
1,777 31		82			169	169	208
1,811 31	24 98	35			90	90	140
7 35		7		14		14	15
826 98	10 26	28				56	118
916 20		95			105	105	176
	40 36	30				40	83

SPECIAL CLASS D TELEPHONE UTILITIES OF MICHIGAN AS OF DECEMBER 31, 1919.

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total operating revenues.	Total operating expenses.	Total miles of pole line owned.	Total miles of pole line leased.	Total miles of single wire.	Total number of telephones owned.	Total number of telephones owned by individuals.	Total number of telephones leased.	Total number of telephones in service.
253	Adair Roadway Co.	Adair, Mich.	\$237 20	\$90 00	\$90 00	1½	7	17	6	7	13	13
254	Addison Mutual Telephone Co.	Addison.	100 00	400 00	400 00	1½	15	15	6	7	13	7
255	Advance Telephone Co.	Boysie City	100 00	63 66	63 66	4	5 5	7	4	9	25	25
256	Actua Telephone Co.	Morey.	390 00	33 07	28 67	4	6	20	4	17	17	17
257	Alabaster Roadway Co.	Alabaster	240 00	183 25	172 13	4	6	20	4	17	17	17
258	Alganssee Telephone Co.	Quincy	1,620 00	536 32	210 87	26	81	81	106	106	104	104
259	Alger Telephone Co.	Alger	161 00	161 00	6 75	9	13 5	24	3	17	20	20
260	Almy Lake View Telephone Co.	Lake View.	728 99	76 51	76 51	9	24	24	27	27	27	27
261	Amble Telephone Co.	Amble.	365 89	728 29	702 05	5	18	18	70	14	84	84
262	Amboy Telephone Co.	Pioneer, Ohio.	220 00	318 50	329 80	9	16	16	3	45	48	48
263	Arcadia Telephone Co.	Attica	441 00	204 89	204 89	9 5	19	19	23	23	23	23
264	Arcadia Mutual Telephone Co.	Alma	100 00	132 00	132 00	5	3 5	4	1	7	10	10
265	Arcadia Main Telephone Co.	Alma	50 00	50 00	50 00	5	2	3	7	7	7	7
266	Arcadia Center Ind. Telephone Co.	Alma	108 69	95 00	95 00	5	10	10	12	12	12	12
267	Arcadia Rural Telephone Co.	Bear Lake	264 33	7 57	18 79	7 5	16	16	13	13	13	13
268	Arch Bridge Telephone Co.	Three Oaks	252 00	25 00	25 00	6	12	12	14	14	14	14
269	Arenac, Ogemaw & Iosco Tel. Co.	Twining, R. 1	1,830 00	1,257 19	1,033 05	70	103 5	103 5	183	183	183	183
270	Arlene Telephone Co.	Arlene.	1,762 00	47 00	61 16	16 5	33	33	70	70	70	70
271	Armstrong Independent Tel. Co.	Farwell	1,75 00	66 84	65 04	2	4	4	7	7	7	7
272	Arnold Roadway Telephone Co.	Marine City	639 00	72 00	69 80	2	3 5	11	8	8	8	8
273	Arthur Roadway Co.	Clare	400 00	69 60	69 60	7 25	9	32 5	15	15	16	16
274	Ashley Rural Co.	Ashley	48 50	48 50	48 50	3 5	15	10	8	8	8	8
275	Avon Townline Telephone Co.	Rochester	200 00	30 00	43 96	5	10	10	10	10	11	11
276	Air Line Roadway Co.	Standish	600 00	4 00	4 00	5	10	10	12	12	12	12
277	Bailey Telephone Co.	Leslie	180 00	4 00	4 00	5	7	18	13	13	13	13
278	Baltimore Center Telephone Co.	Hastings	225 00	37 00	37 00	2 5	2	5	9	9	9	9
279	Bannell Roadway Telephone Co.	Marine City, R. 2	300 00	8 50	8 00	4	8	8	2	12	12	12
280	Bannister Mutual Telephone Co.	Bannister	640 00	189 11	180 60	10	28	28	32	32	32	32
281	Barrington Rural Telephone Co.	Barrington.	200 00	120 00	150 00	4	8	8	10	10	10	10
282	Bar Lake Roadway Telephone Co.	Manistee.	200 00	115 00	115 00	6	15	15	16	16	16	16
283	Basewood Telephone Co.	Three Oaks	181 62	9 00	3 35	2 75	2	9 5	27	27	27	27
284	Basett Telephone Co.	Lapeer.	90 00	53 00	45 00	13	16	16	9	9	9	9
285	Bas Lake Telephone Co.	Lakeview	900 00	72 50	72 50	2 25	2 75	10	9	9	9	9
286	Battle Creek Roadway Telephone Co.	Hastings, R. 4	400 00	100 00	100 00	2 25	2 75	10	9	9	9	9
287	Battle Creek Telephone Co.	Spring Lake	275 00	100 00	100 00	2 25	2 75	10	9	9	9	9

MICHIGAN PUBLIC UTILITIES COMMISSION

245

288	Bay Shore Telephone Co.	Standish, R. 3.	1,000 00	201 66	164 54	13 5		27	36	2	100	36
289	Bentley Telephone Co.	Bentley	275 00	800 00	300 00	4			2	7	100	100
290	Bar Lake Telephone Co.	Thompsonville	72 00									7
291	Baverton Farmers Telephone Co.	Baverton	154 00		85 50	7					9	9
292	Beaver Creek Ind. Telephone Co.	Breckenridge	60 00	55 00	45 00	4 5	2	6			11	11
293	Beche Telephone Co.	Weidman	176 00		18 80	3 5	3 5	12			11	11
294	Becher Roadway Co.	Fushing	150 00	110 00	116 00	2	1 5	14			15	15
295	Belle River Mills Telephone Co.	Marine City	200 00		100 00	4 5		4			11	11
296	Belle River Roadway Co.	St. Clair	200 00		80 00	2	1 6	9			9	9
297	Belleville Rural Tel. Co. No. 2	Belleville	200 00		80 00	2		4 5			6	6
298	Belleville Roadway Co. No. 77	Belleville	144 00	80 00	80 00	2					6	6
299	Belleville Roadway Co. No. 73	Belleville	260 00	100 00	100 00	7		14			15	15
300	Bendon Rural Telephone Co.	Bendon	201 00	201 00	201 00	17 25	4 5	35	5		22	22
301	Brutus Telephone Co.	Brutus	525 00	865 33	865 33						44	44
302	Bethany Telephone Co.	Breckenridge										
303	Betsay Branch Telephone Co.	Thompsonville	275 00	129 60	129 60	6	5 5	24			14	14
304	Big Beaver Telephone Co.	Birmingham, R. 4	195 00	12 00	7 00	3 87	2 25	12 25			5	5
305	Big Bend Telephone Co.	Harrietta			4 00	25		6			11	11
306	Big Hand Roadway Telephone Co.	St. Clair						82			47	47
307	Big Prairie & Everett Telephone Co.	White Cloud										
308	Big Rapids Roadway Co.	Big Rapids	270 00	120 00	122 00	4 5	1	5 5			16	16
309	Big Stone Roadway Telephone Co.	New Haven	200 00		112 00	4 5		9			18	18
310	Big Rapids, Lilley & Batley Tel. Co.	Paris, R. 2	901 27	368 32	305 23	25		40			33	33
311	Big Rapids & Grant Telephone Co.	Paris, R. 1	1,400 00	174 00	168 47	25		75			69	69
312	Birch Creek Telephone Co.	Menominee	200 00		20 00	5 6		9 5	12		12	12
313	Biscell Telephone Co.	Breckenridge	250 00									
314	Black Creek Farmer Telephone Co.	Cedar Springs, R. 1	600 00	360 00	150 00	1	4	5	6		6	6
315	Black River Telephone Line	Rogers	851 00	181 00	183 73	13 5		16	27		25	25
316	Black Ash Ind. Telephone Co.	Cozman	523 50	40 00	50 00	3 0		44	38		38	38
317	Blackmore & Harwood Tel. Co.	Leslie	10 00	49 86	49 86	9		16	23		23	23
318	Bluff Creek Telephone Co.	Coloma	1,000 00	225 00	225 00	40		24			23	23
319	Blue Lake Ind. Telephone Co.	Meosta	68 00	114 60	114 00	1 6	1	16	6		6	6
320	Blissdell Ind. Telephone Co.	Haymarsh	130 00		5 00	8		3	16		16	16
321	Boon Rural Telephone Co.	Boon	85 00		69 00	1	1 5	11			7	7
322	Borton Telephone Co.	Breckenridge										
323	Bosworth Roadway Co.	Olivet, R. 5										
324	Bosman Roadway Telephone Co.	St. Clair, R. 5	180 00			5	1 5	9			11	11
325	Boyden Telephone Co.	Lapeer	335 38		65 00	8		16			10	10
326	Boyd Lake Telephone Co.	Morey			14 00	16		14			9	9
327	Bradford Telephone Co.	Lapeer, R. 3									14	14
328	Brant & Brady Telephone Co.	Cheaning	2,000 00	426 00	420 00	29 5		76	2	69	71	71
329	Breckenridge Mutual Telephone Co.	Breckenridge	105 00	110 04	95 55	8 5	5	7			7	7
330	Breckenridge Roadway Co.	Breckenridge	1,550 00	100 00	100 00	2	1 5	13	16		5	5
331	Brevort Telephone Co.	St. Ignace						10	18		21	21

SPECIAL CLASS D TELEPHONE UTILITIES OF MICHIGAN AS OF DECEMBER 31, 1919.—Continued.

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total operating revenues.	Total operating expenses.	Total miles of pole line owned.	Total miles of pole line leased.	Total miles of single wire.	Total number of telephones owned.	Total number of telephones owned by individuals.	Total number of telephones leased.	Total number of telephones in service.
332	Bricker Telephone Co.	East Jordan	\$1,599 00	\$454 67	\$442 54	15		42	42			42
333	Bridgewater Center Telephone Co.	Clinton	1,103 34	133 74	112 86	19		47		38		38
334	Brookway Ind. Telephone Co.	Lakeview	540 00	16 00	6 10	12		26			22	22
335	Benton Rural Telephone Co.	Lake, R. 2	324 40	100 00	124 40	8						22
336	Brooklyn & Cresent City Tel. Co.	Brooklyn										
337	Brooklyn & Clarks Lake Tel. Co.	Brooklyn	800 00	187 07	140 38	5 5		22		30		30
338	Brooklyn & East Norvell Tel. Co.	Brooklyn	725 55		30 00	11		23		20		20
339	Brooklyn & South Norvell Tel. Co.	Norvell			35 40	9		18	16			16
340	Brooklyn & South Norvell Tel. Co.	Norvell	22 00	17 00	22 00	9		18	17			17
341	Brooklyn & Southwestern Tel. Co.	Brooklyn										
342	Brooklyn & Wamplers Lake Tel. Co.	Brooklyn	250 00	90 00	90 00	14		28		25		25
343	Brooks Independent Telephone Co.	Midland, R. 3	164 00	75 20	75 20	11 5		5		10		10
344	Broomfield Center Ind. Telephone Co.	Bowie	56 00			2 5		22		8		8
345	Broomfield Telephone Co.	Mt. Pleasant, R. 2	210 00	41 00	31 07	11		6		22		22
346	Brooklyn & Napoleon Telephone Co.	Brooklyn	100 00			3						
347	Brown Independent Tel. Co.	Brutus		258 00	258 00			33		6	21	27
348	Buckley & Douglas Lumber Co.'s Lake View Farm Line.	Manistee	200 95	6 00	80 78	7	16	14			6	6
349	Bundy Hill Telephone Co.	Weldman	235 00	78 00	74 00	12		24		48		14
350	Bunker Hill Telephone Co.	Leslie										43
351	Burnham Roadway Co.	Galesburg	185 00			3 25		6 5			7	7
352	Burns Telephone Co.	Coleman	150 00			3 25		6 5			11	11
353	Burt Township Roadway Tel. Co.	Topinabee	450 00			12		24			15	15
354	Burt Township Roadway Tel. Co.	Mumth	260 00	10 00	11 15	10 5		10 5		26		26
355	Busy Bee Telephone Co.	Newaygo			56	8		16			8	8
356	Bridgeton Roadway Co.											
357	Burt District Telephone Co.	Reed City	175 00		150 00	4 75		9 5			17	17
358	Bush Creek Telephone Co.	Breckenridge	165 00		65 00	4	1 5	11			15	15
359	Butterfield Farmers Telephone Co.	Falmouth	160 00			12		12		17		17
360	Ryers Roadway Co.	Big Rapids		75 00	75 00	6	1 5	15			10	10
361	Cadillac & Pine River Telephone Co.	Horeyville	1,200 00	453 32	450 00	40		92		25		33
362	Carl District & Haslett	Haslett		325 00	370 00	4		9	6	32		38
363	Carlton & Hastings Coop. Tel. Co.							8 5		21		21
364	Cambridge Junction Telephone Co.	Brooklyn	33 50	30 40	30 40	8 8		24		22		22
365	Cambridge & Woodstock Tel. Co.	Brooklyn	36 00	35 00	35 00	12		12				10
366	Carpenter Roadway Co.	Flint	360 00	7 50	7 50	3	3					

367	Cavanaugh Lake Rural Tel. Co.	240 00	199 01	178 80	5	14	10	10	10
368	Cassation Centre Telephone Co.	450 00	85 26	76 00	7	5	15	15	15
369	Cass River Roadway Telephone Co.	195 88			5	3	7	7	10
370	Cato-Winfield Ind. Telephone Co.	394 75			6	"0 & 12"	10		4
371	Cedar Creek Telephone Co.	50 00				1		4	
372	Cedar Valley Telephone Co.								
373	Cedar & Colon Telephone Co.	300 00	10 00	7 00	3	16	17	17	17
374	Cedar Lake Telephone Co.	200 00		2 75	5 5	4 5	12	12	12
375	Centent City Telephone Line								
376	Central Chippewa Telephone Co.	350 00			16	16	16	16	16
377	Central Gibson Telephone Co.	252 43			9 25		18	18	18
378	Central Lincoln Telephone Co.	150 00	122 00	132 00	1 75	15 6	17	17	17
379	Central Roadway Telephone Co.	275 87	7 00	26 00	5 5	11 5	16	16	16
380	Center Road Telephone Co.	200 00	60 00	60 00	8	10	10	10	10
381	Center Line Independent Tel. Co.	281 50	13 75	17 75	4	2 5	14	14	14
382	Central Telephone Co. Line No. 78	230 00		79 00	1 5	15	11	11	11
383	Central Mutual Telephone Co.	100 00			5 5	12	11	11	11
384	Central Marjory Telephone Co.	65 00			4 5	9	9	9	9
385	Central Mut. of Yankee Springs Tel. Co.	148 35			18	24	10	12	12
386	Central Michigan Ind. Telephone Co.	200 00		15 50	2 8	13	17	17	17
387	Central Newark Telephone Co.	416 43	86 00	112 59	4 5	3 25	17	17	17
388	Chapelle Rapids Roadway Co.	356 18					7	7	7
389	Chas. & Frances Tel. Co.	1 300 00	207 00	207 00	17	13	26	26	26
390	Chasney Roadway Co.	112 78	87 00	86 00	4 25	10 5	12	12	12
391	Cherry Creek Roadway Co.	75 00			3	6	8	8	8
392	Chase & Richmond Twp. Tel. Co.	200 00	80 00	80 00			10	10	10
393	Chester Township Telephone Co.	300 00	45 00	9 00	10	10	8	9	9
394	Chickering & W. New Telephone Co.	875 00	75 00	70 00	16	26	35	34	34
395	Chick Roadway Co.	250 00			6	20	15	15	15
396	China, St. Clair Roadway Co.	60 00	65 00	65 00	1 5	20	9	8	8
397	Chippewa Lake Telephone Co.	600 00	352 54	362 64	18	4	46	46	46
398	Chippewa Lake Telephone Co.	45 60			2		6	6	6
399	Churchill Logan Roadway Tel. Co.	632 10	90 00	90 00	15	30	20	20	20
400	Cham Lake Rural Telephone Co.	417 97	127 60	99 60	4 5	18	10	12	12
401	Cham River Farmers Telephone Co.	489 00	226 28	167 31	5 75	20 5	16	16	16
402	Cham Union Township Telephone Co.	2 945 00	342 97	225 38	20	40	93	93	93
403	Chas. Roadway Co.								
404	Chay Town Line Roadway				2 5	11	9	9	9
405	Clear Lake Telephone Co.			82 00	3	3	11	11	11
406	Clemens Roadway Co.	250 24	77 79	94 79	4	4	12	12	12
407	Clement Roadway Co.	290 00	98 00	98 00	13	26	3	13	16
408	Clelland Valley Telephone Co.	280 00	1 50		5	10	16	16	16
409	Clinton Bridgewater & Manchester Tel. Co.	493 00	641 81	625 87	6	14	12	13	13
410	Clinon & Franklin Telephone Co.				2	12	9	9	9
411	Clover Leaf Roadway Co.	450 00	11 50		9	24	18	18	18

FIRST ANNUAL REPORT

SPECIAL CLASS D TELEPHONE UTILITIES OF MICHIGAN AS OF DECEMBER 31, 1919.—Continued.

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total operating revenues.	Total operating expenses.	Total miles of pole line owned.	Total miles of pole line leased.	Total miles of single wire.	Total number of telephones owned.	Total number of telephones owned by individuals.	Total number of telephones leased.	Total number of telephones in service.
412	Clinton Independent Telephone Co.	Clinton	\$300 00	\$90 00	\$63 00	1.5		3			10	10
413	Chover Telephone Co.	Lapeer	32 96	61 00	61 00			5			8	8
414	Cloverdale Telephone Co.											
415	Cleveland Valley Telephone Co.	Maple City	250 00			5	5	10			15	14
416	Coal Creek Roadway Co.	Owasco	300 00		20 00			35			22	22
417	Codere Telephone Co.	Lake Linden	150 00	78 00	78 00	2.5		5			6	7
418	Coe Roadway Co. No. 1	Romeo	400 00	216 00	140 00	4	3	14			12	12
419	Coe Roadway Co. No. 2	Romeo	300 00	253 00	175 00	5		12			14	14
420	Coe Roadway Co. No. 3	Romeo	400 00	255 00	160 00	4	1	10			14	14
421	Coldwater Telephone Co.	LeRoy	188 00		5 00	4		8		12	2	14
422	Cold Water Lake Telephone Co.	Weidman	250 00		25 00	6		12			18	18
423	Coldwater Roadway Co.	Flushing		70 00		2.5	1.25	5			10	10
424	Coldwater Rural Telephone Co.	Barryton, R. 2	400 00			8		8		17		17
425	Colefax Roadway Co. No. 10	Big Rapids, R. 2	226 24			12	2	24			13	12
426	Colefax Telephone Co., No. 1	Big Rapids	55 00	3 00	3 00	6.5	6.5	11			11	11
427	Colefax Telephone Co., No. 2	Big Rapids	24 73	64 00	61 00		2.25	4.5			8	8
428	Cole Telephone Farmers' Line	Cement City	76 00		18 00	3	5	3		4		4
429	Collinsville Roadway Co.											
430	Cook & Sonerville Telephone Co.	Mason				5	1.75	4.3		48	4	4
431	Cook's Telephone Exchange	Cooks		900 00	270 00	67.35		77				48
432	Concord Telephone Co.	Concord	750 00	1,834 98	1,738 75			21		350		350
433	Cooperative Telephone Co.	Weidman	176 39		14 49	3.75	1	9.5			11	11
434	Cornell Roadway Telephone Co.	Romeo	250 00		50 00	9		9			16	16
435	Cottrellville Tormaline Roadway Co.	Marine City, R. 2	225 00	100 00	100 00	4		18			12	12
436	County Center Telephone Co.	Hastings	875 18		6 57	10.8		56		36		32
437	County Line Telephone Co.	Bannister				4		8		16		16
438	Grace Valley Telephone Co.	Paris	150 00	133 00	104 28	5	5	20			13	13
439	Grayford Co. Farmers Telephone Co.	Reeseomon	2,320 00	93 00		29	30	60		11		11
440	Crystal Ridge Mutual Tel. Co.	Frankfort		83 14	51 59	5.5		11			10	10
441	Curtisville Telephone Co.	Lapeer	630 00			12		12			12	12
442	Curtisville Rural Telephone Co.	Barryton			6 44	7		14		18		18
443	Custer Beach Belt Telephone Co.	Custer	300 00	35 00	35 00	9	1				26	26
444	Custer Telephone Co.	Custer	375 38	263 26	197 72	3.5		9.5		18		36
445	Cyclone Telephone Co.	Merley	288 38			13		26		2		13
446	Daggett Eastern Roadway Tel. Co.	Daggett		50 56	303 24	-8.5	6.75	25			11	31

FIRST ANNUAL REPORT

SPECIAL CLASS D TELEPHONE UTILITIES OF MICHIGAN AS OF DECEMBER 31, 1919.—Continued.

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total operating revenues.	Total operating expenses.	Total miles of pole line owned.	Total miles of pole line leased.	Total miles of single wire.	Total number of telephones owned.	Total number of telephones owned by individuals.	Total number of telephones leased.	Total number of telephones in service.
492	Eden Telephone Co.	Eden	\$600 00	\$16 00	\$76 53	15		40		27		29
493	Edenville Telephone Co.	Lakeview		46 80	45 00	5	3	3 5		11	16	11
494	Edgar-Roseman Telephone Co.	Alger	320 00			11	6	22			12	16
495	Edwards Roadway Co.	Lapeer						12				12
496	Elba Center Roadway Co.											
497	Elba Independent Telephone Co.	Bannister		20 00	15 00	6	5	12	16			7
498	Elba Telephone Co.	Elba	195 00	20 00	15 00	5	5	35			20	20
499	Ellsworth Telephone Co.	Luther		137 50	35 50	11 5	4 5	21			25	25
500	Elm Grove Telephone Co.	Elm Grove				12		15			10	10
501	Elm Valley Roadway Co.	Gallen	113 00			3 75		7 5			9	9
502	Elmira Telephone Exchange	Elmira	1,000 00	587 01	416 00	10		20	30	25		55
503	Eight Mile Roadway Co.	Auburn	360 00	184 22	134 22	5 5	1	11			15	15
504	Eight Point Rural Telephone Co.	Lake, R. 2	624 60	34 00	84 00	7	1 5	17	14			14
505	Emerson & Bethany	St. Louis	224 00		129 04	5 5		15		25		22
506	Enterprise Telephone Co.	Coleman	894 00			5	1 5	6 5		14		14
507	Enterprise Independent Tel. Co.	Edmore, R. 1	318 00	14 80	18 80	2 25	2	4 15			7	7
508	Eaton Roadway Telephone Co.	Plainwell	117 50	55 00	56 50	1 25	5	2 5				
509	Etchell & Mason Telephone Co.	Mason										
510	Eureka Telephone Co.	Remus	960 00	471 01	294 71	40		6	2	34	10	45
511	Evansburg Roadway Telephone Co.	Marine City, R. 2	96 00	85 75	85 75							10
512	Evart Center Line Telephone Co.	Evart	750 00	60 00	70 00	10		50			50	50
513	Evart West Emerald Telephone Co.	Sears		55 00	15 50	24		40			65	65
514	Evart & Muskegon	Evart	12 00		17 00	13 5	6 5	37			48	43
515	Evart & Myrtle Lake Telephone Co.	Hunters Creek	785 33	36 00				9 5				
516	Farview Roadway Telephone Co.		132 76									
517	Fall Creek Telephone Co.	Hadings	810 00	40 25	40 25	4 5		9		11		
518	Farmers Telephone Co.	Beaverton	488 00			8 5		17	1	19		20
519	Farmers Telephone Co.	Zeeland	241 00	60 03	40 98	1 75		3 5	13			13
520	Farmers Telephone Line	New Haven	582 69	10 20	9 5	9 5		82		25		25
521	Farmers Telephone Association	St. Louis	1,408 00	953 26	1,068 84	19		90	9	60		70
522	Farmers Telephone Co.	Sault Ste. Marie	200 00	78 00	78 00			14			19	19
523	Farmers Telephone Co.	Edmore	200 00	46 00	28 00	6		6				
524	Farmers Home Telephone Co.	Coral, R. 1	500 00	3 75	3 75	6 5		13	14			14
525	Farmers Home Line 155	Manchester	56 40	5 00	5 00	2 5					10	10
526	Farmers Independent Telephone Co.	Sand Lake		200 00	200 00	5		10		16		10

527	Farmers Mutual Telephone Co.	420 00	1,591 54	1,499 26			113	14	127		141
528	Farmers Mutual Telephone Co.	175 00	15 00	15 00	8.5	6	10		9	9	8
529	Farmers Mutual Telephone Co.	350 00	70 49	6 00	4	2	21		9	9	9
530	Farmers Mutual Telephone Co.	250 00	70 49	70 49	3.5	6	7	8	16		15
531	Farmers Mutual Telephone Co.										
532	Farmers Mutual Telephone Co.	234 51	47 80	25 00	26.75	1.25	28		41	1	36
533	Farmers Mutual Telephone Co.	450 00	72 00	0 00	0		9		12		12
534	Farmers Mutual Telephone Co.	1,127 00	130 00	115 00	60.5		50.5		15		15
535	Farmers Mutual Telephone Co.										
536	Farmers Mutual Telephone Co.	850 00	4 25	4 15	8.5		17		17		17
537	Farmers North Irving Tel. Co.		93 11	93 11	7	5	24	12			12
538	Farmers Line 211	120 00			7.75		1.5	7	1		
539	Farmers Line 312		40 00	40 00	3.135		4.34				
540	Farm Line 305	140 00	70 00	70 00	1	3	6			10	10
541	Farm Line Telephone Co.	100 00					2			5	5
542	Farmers Roadway Co. 575		64 61	72 67	3.6		3.5			13	13
543	Farmers Union Telephone Co.	317 00	174 00	150 00	11.5		23		29	23	23
544	Farmers Union Telephone Co.	734 00	28 00	27 00	21.8		48.5		52	52	52
545	Farmers Independent Telephone Co.	373 33	68 94	36 17	7.5		13		20	20	20
546	First Ward Independent Tel. Co.	604 00	95 00	98 00	12.5	1.5	25		31	19	19
547	Fitchburg Telephone Co.										
548	Fish Lake Roadway Telephone Co.	4 00	15 00	10 00	7		14				13
549	Five Points Telephone Co.	200 00			2					9	
550	Flint River Telephone Utility Co.	300 00	161 00	161 00	7					10	23
551	Forest Home Roadway Co.	56 00	85 00	1 46	4	1.25	8			10	10
552	Forest Hill Telephone Co.	115 50	15 50	13 50	11		22			13	13
553	Frederic Mutual Telephone Co.										
554	French Roadway Telephone Co.	155 00			8	1	16		7	7	7
555	French Roadway Telephone Co.	65 00	7 00	7 00	8.5		8.5		8	8	8
556	Fremont Northwestern Telephone Co.	375 00	90 00	90 00	7		14		13	13	13
557											
558	Furnell Independent Telephone Co.	230 00			5.5		5.5		15	14	14
559	Frost Stanton Ind. Telephone Co.	230 97			6.5		6.5		20	20	20
560	Garden Roadway Telephone Co.	211 87	97 63	9 31	4.5	2.5	14		15	14	14
561	Gaswell Roadway Co.	287 80	203 80	10 00	3		10			23	23
562	Germanisk Telephone Line										
563	Gilmore Telephone Co.	100 00	100 00	100 00	10		18	1	1	1	1
564	Gilmore Rural Telephone Co.	700 00	594 53	831 01	27		54		25	31	56
565	Gilbert Telephone Co.	380 00	265 00	265 00	11		12			34	34
566	Gibson Telephone Association	180 00	113 47	108 03	6.5	4	14			18	18
567	Gladwin & Nolan Telephone Co.		553 92	553 88	23		90		48	46	46
568	Gladwin Road Telephone Co.	150 00			5		5		10	10	10
569	Gladys Roadway Co.										
570	Gleaser Telephone Co.	200 00	90 00	90 00	7.6		16			15	13
571	Goodwell Telephone Co.	1,000 00	71 03	66 98	35		42		1	29	30
572	Graftville Ind. Telephone Co.	100 00			4.5		16			19	19

FIRST ANNUAL REPORT

[illegible]

608	Hennietta Farmers Telephone Co.	Munith.	2,500 00	39 00	35 00	11				13	13
609	Hendricks Township Telephone Line.	Rexton	1,180 00	184 00	190 00	16			3	20	23
610	Hendricks Central Telephone Co.										
611	Hemmingway Ind. Telephone Co.	Santon.	123 00	4 00	3 00	1 25	3 75	8		12	12
612	Herrick Roadway Telephone Co.	Clare	360 00	383 08	263 72	8 75	1 25	20 5	3	16	19
613	Hemlock Roadway Telephone Co.	Tawas City	150 00	101 00	102 00	6 5					12
614	Hermansdale Roadway Co.	Clare	225 80			6	6				22
615	Hilton Mutual Telephone Co.	Lakeview	1,500 00	82 00	82 00	42		84		72	70
616	Hillside	Hennietta	60 00			2		6		6	6
617	High Street Telephone Co.	Hastings	150 00	51 96	47 75	4		8		10	10
618	Hitchecock Roadway Telephone Co.	Scotts	87 00			3		6			11
619	Holly Centre Telephone Co.	Holly	60 00		81 00	1 5		4			9
620	Honor Rural Telephone Co.	Honor	1,000 00	94 25	116 44	11	3	23		1	11
621	Hockstera Ind. Telephone Co.	McBride	235 00		15 69	6		12		19	19
622	Holbrook Roadway Co.	New Buffalo.	175 00		15 00	4		8		8	8
623	Hone Telephone Co.										
624	Hone Independent Telephone Co.	Edmore	170 00		100 00	5	.5	10			10
625	Horton Valley Farmers Line 277	Boyer City	370 00		15 00	12		24		14	14
626	Horton Mutual Telephone Co.	Horton	200 00	50 00	50 00					200	200
627	Hortons Bay Roadway Co.	Boyer City	210 00	15 00	18 31	7		18	15		15
628	Harr Telephone Co.	Weidman	120 00	13 50	14 00	11		11			18
629	Houghton Lake Telephone Co.	Houghton Lake	1,500 00	117 63	82 66	29		88	12		10
630	Hope Improvement Telephone Co.	Hope	600 00	700 00	700 00	65		105		125	123
631	Rulse Telephone Co.										
632	Hunters Creek Telephone Co.	Hunters Creek.	76 69			2 5	5	5		10	10
633	Husel Roadway Telephone Co.	St. Clair	54 00	78 75	62 81			2		9	9
634	Ingersoll Rural Telephone Co.	N. Island.		886 00	886 00	33		70		65	107
635	Independent Roadway Co. No. 2.	Clinton	150 00		100 00	2 5	5	5		9	9
636	Jacobs & Armaco Co. Telephone Co.	Turner, R. 1	1,650 00	225 50	212 50	19 5		39	6	44	50
637	Jarvis Roadway Telephone Co.	Fushing	160 00	70 00	70 00	5	3 5	17		9	9
638	Iron Bridge Roadway Telephone Co.										
639	Iron Chief Independent Tel. Co.	McBride	286 00		10 00	6		12		20	20
640	Iron Crest Telephone Co.	Manchester	230 00	9 00	10 00	10		20		14	13
641	Ironwood Rural Telephone Co.										
642	Isabella Mutual Telephone Co.	Coleman.	170 00			4		8		9	9
643	Jackson St. Independent Telephone.										
644	Jonas Roadway Co.	Clinton	280 10	370 10	370 10	3 5		8		8	8
645	Jonesd Independent Tel. Co.	Merrill	40 00			1 4	1 4	5 75		7	7
646	Junior Telephone Co.	St. Louis				17 4		57		46	45
647	Junor Telephone Co.	Okeanos	336 00	59 00	58 57	3 5	3 5	11	5	6	
648	Kalamazoo Home Telephone Co.										
649	Kalkaska Roadway Co.	Alma	56 00		16 50		4 5	9	5	5	5
650	Kelley Roadway Co.	Fushing	98 00		75 00	2 5	2	4 5		10	10
651	Kendville Independent Tel. Co.	Kendville	1,400 00	90 00	75 00	14		44		37	34
652	Kerr Independent Telephone Co.	Ashley	400 00		63 00	9 5		15 5		13	12

FIRST ANNUAL REPORT

SPECIAL CLASS D TELEPHONE UTILITIES OF MICHIGAN AS OF DECEMBER 31, 1919.—Continued.

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total operating revenues.	Total operating expenses.	Total miles of pole line owned.	Total miles of pole line leased.	Total miles of single wire.	Total number of telephones owned.	Total number of telephones owned by individuals.	Total number of telephones leased.	Total number of telephones in service.
653	Kimball Independent Telephone Co.	McBride.	\$269 38		\$3 81	6		12			15	15
654	Kirby Lake Ind. Telephone Co.	Blanchard.	280 00		18 00	5	3	16			16	16
655	King Roadway Co.	St. Clair, R. 4.	75 00		8 00	3		6			12	12
656	Knocking Creek Roadway Co.	West Branch.	184 00	\$81 00	5 00	1	8	17			9	9
657	Kuapp Roadway Telephone Co.	Watervliet.	176 00			25	2	10			17	17
657 1/2	Kobi Roadway Co.	Tawas City.	185 00		15 00	5	3	16			14	14
658	Koss-Lengrie Telephone Co.	Stephenson.	352 00			30		24			14	14
659	Lake Ann & Oviatt Telephone Co.	Lake Ann.	1,700 00	769 24	796 45	12		75	32	32	75	64
660	Lake Independent Telephone Co.	Lake.	420 00	96 00	65 00	11	5	23	14	19	33	33
661	Lake & Osceola Cooperative Tel. Co.	Tustin.	1,350 00	297 95	273 83	17		44	4	20	9	29
662	Lakeview & Town Line Telephone Co.											
663	Lake Region Telephone Co.	Irons, R. 1.	388 00	17 60	17 80	11		24			10	10
664	Lake Roadway Telephone Co.	Stephenson.	250 00		5 00	9					13	13
665	Lakeside Independent Tel. Co.	Lakeview.	80 00	5 00		1		3	2	2		4
666	Lakeview Telephone Co.	Hastings.	130 00	75 82	63 43	2	4	12		10		10
667	Lake View Telephone Co.	Le Roy.	136 85	5 00	3 50	2		9			40	10
668	Lancaster Telephone Co.	Clinton.			84 00	7		14			12	12
669	Lapeer Township Central.	Lapeer.	180 00		81 00	5		10			15	15
670	Lapeer View Telephone Co.	Lapeer.				2		2			9	9
671	Larkin Rural Telephone Co.	Midland, R. 6.	500 00	181 51	141 40	10		20		18		18
672	Lafayette Roadway Telephone Co.	Breckenridge.			192 00	17		80		41		41
673	Lee & Marshall Telephone Co.	Marshall.	325 00	439 40	402 00	10		40		45		45
674	Leechman Township Farmers Tel. Co.	Onesha.	282 00		45 00	5		10		13		13
675	Leota Telephone Co.	Harrison, R. 1.	400 00	7 94	7 50	14		28	8			8
676	LeRoy Rural Telephone Co.	LeRoy.	72 00		84 00	3	2	2			12	12
677	LeRoy Township Telephone Co.	LeRoy.	150 00			6		12			10	10
678	Lester Mutual Telephone Co.	Quincy.	675 00		176 00	11		11		16		15
679	Leslie Rural Telephone Co.	Leslie.	11 00									
680	Liberty Telephone Co.											
681	Lincoln Height Telephone Co.	Reed City.	137 80	106 50	110 71	4	1	8			12	12
682	Lindsay Roadway Co.	Lenox.	149 86		125 32	11					15	15
683	Line No. 14.											
684	Little River Independent Tel. Co.	Altona.			6 00	13		26		11	5	16
685	Little River Telephone Co.	Menominee.				7		14				14
686	Little River Telephone Co.	Manley.	285 00		25 00	8	1	19			16	16

687	Little Traverse Telephone Co.	100 00	18 00	25 00	6	4.5	9	2	12	5	5
688	J. L. Littlefield Private Farm Line	300 00		5 00	5	4	12	2	12	2	2
689	Lone Pine Telephone Co.			5 00		2.5	18	3	7	7	7
690	Long Lake Telephone Co. (Roadway)	200 00		48 00	3		40	26			21
691	Long Lake Farmers Telephone Co.	810 00	141 00	129 75	20						
692	Long Lake Telephone Co.										
693	Long Roadway Co.	500 00			4.5		4.5	12			12
694	Loxley Telephone Co.			12 00	8		8	17	1		12
695	Loomis & Crego Line				3		3	6	6		6
696	Lucas Farmers Telephone Co.	760 00	517 18	491 00	9	9	51		49	46	46
697	F. A. Lane Telephone Co.	65 00	100 00					1	24	25	25
698	Lum Telephone Exchange		1,000 00	900 00				2	2	127	127
699	Lennan & Curtis Telephone Co.	221 52	20 00	18 52	7.5		15	10	10	10	10
700	Luther & Hoxeyville Telephone Co.	450 00			14		28		15	15	15
701	Lynas Mutual Telephone Co.	10,615 72	5,626 14	5,121 40	92			334	2	224	224
702	Mackinac County Telephone Co.	680 00	100 00	100 00	13.5		27	3	31	34	34
703	Mackinaw Roadway Telephone Co.	5 65		100 00	3.25	3.25	13		11	11	11
704	Manchester Franklin Telephone Co.		72 00	68 00	4		9		8	8	8
705	Manchester Roadway Tel. Co. 153	150 00		8 00	2	1	4	6	2	8	8
706	Manchester Roadway Telephone Co.	239 40		239 40	10	2	20		12	12	12
707	Manchester Roadway Tel. Co., 155										
708	Manitlin Roadway Co.		123 50	111 70	3.5		7		14	14	14
709	Martin Siding Ind. Telephone Co.	245 34		15 00	10.5	7.5	36		14	14	14
710	Maple City Rural	100 00			5		10		6	6	6
711	Maple Center Telephone Co.	272 37		150 00	5	3.75	10		14	14	14
712	Maple Grove Roadway Co.										
713	Maple Grove Roadway Co.	118 00		16 00	4.5		10.5		13	13	13
714	Maple Grove Rural Telephone Co.	540 00	237 50	138 61	4		20	16	15	15	15
715	Maple Ridge Mutual Telephone Co.		20 00	21 84	20		25		19	32	32
716	Maple Ridge Telephone Co. No. 56										
717	Maple Roadway Telephone Co.	280 00	90 00	90 00	1.5	6	15	12		12	12
718	Maple Valley Telephone Ass'n	347 70	18 00	18 73	10.5		14	18	18	18	18
719	Market Roadway Telephone Co.	110 00		12 00	2	2	8		8	8	8
720	Marble Telephone Co.	1,650 00		58 00	14		59		29	29	29
721	Marengo Prairie Telephone Co.		134 50	34 40	26		52	1	23	23	23
722	Martin Roadway Telephone Co.	150 00	56 00	56 00	2	2	8		8	8	8
723	Martin Roadway Co.	200 00		171 64	4.5	1	11		7	7	7
724	Marsh Roadway Telephone Co.										
725	Marsh Road Telephone Co.				5.5		11		15	15	15
726	Wm. Massey, Jr., Telephone Line	106 00	29 25	5 00	3.5		7	2	2	2	2
727	Mason & Dexter Road										
728	Matchwood McMillan Tel. Co.	300 00			8		8	9		9	9
729	Mayfield Center Telephone Co.	2,100 00			32	2	64	10	25	35	35
730	Mayfield & Deerfield Telephone Co.			25 00			22		13	13	13
731	Mayfield Telephone Co.	407 44	10 00	30 81	7.5		8.5		18	18	18

767	Mutual Telephone Co.	Rosebush.	257 00	30 00	20 00	6	3	18	1	19	20
768	McDonald Ind. Telephone Co.	Clare.	161 95			9.5		19		15	15
769	McKnight Roadway Co.	Sault Ste. Marie, R. 2	360 00		7 50	8		16	9	16	9
770	McBride & Eatrian Telephone Co.	Stanton.	341 55	12 00	3 35	9	2	22		24	24
771	Mt. Bethel Roadway Telephone Co.	Holly.	38 00			4	7	22		10	10
772	Mt. Bethel Roadway Telephone Co.	Holly.	100 00		78 35	4	2			10	10
773	Mt. Vernon Roadway Co.	Rochester.	275 00		10 00	6	2	8		17	17
774	Near Telephone Co.	Coleman.	166 00	20 00		2.25		9		10	10
775	Nessen City Roadway Telephone Co.	Nessen City.	177 46		15 00	9		9		7	7
776	New Haven North Bound Tel. Co.	New Haven.	180 00		18 70	4.5		9		19	19
777	Norton Roadway Co.	Plainwell, R. 3				5	2.5	6	9		9
778	Norwood Farm Line.	Charlevoix.	100 00	204 05		24	12	24		13	13
779	Nook Roadway Co.	Algonac.	30 00		9 00	5	2	5		14	14
780	Nunda Roadway Telephone Co.	Wolverine.	225 00		8 00	9		18		22	22
781	Norwalk Telephone Co.	Chief, R. 1.	250 00	220 50	199 50	9.5		24		21	20
782	North Baltimore Telephone Co.	Quimby.	863 80	174 90	174 90	10.25	3	30.5	22		22
783	North Branch Ind. Telephone Co.	Barryton.	186 00	6 00	9 50	4.25		12	9		9
784	North Branch Telephone Co.	Weidman.	342 00	12 00	75 60	9	.75	18		18	18
785	North Burns Telephone Co.	Duraud.	200 00			4	2	12	10		10
786	North Bradley Telephone Co.										
787	North Bethany Telephone Co.	New Haven.	188 00		8 00	4.5		9		19	19
788	North Bound Telephone Co.	Lakeview.	75 00		10	2		2	8		
789	North Cato Telephone Co.	Plainwell.		229 50	259 50	10	5	20		17	17
790	North Cooper Roadway Tel. Co.										
791	North Chester Telephone Co.										
792	North Dorr Telephone Co.	Dorr.	57 00		3 00	1.25	4	5.25		6	6
793	Northeast Wheeler Telephone Co.	Wheeler.	437 36	227 03	188 03	6.75	2.5	18.5		16	16
794	North Eastern Telephone Co.	Stephenson.	400 00	148 00	148 00	9.25		17.5		19	19
795	North Eastern Telephone Co.	Mio.	1,500 00		740 00	60		60	2	54	55
796	North East Leslie Telephone Co.	Leslie.	1,050 00	285 00	285 00	8		26	35	285	35
797	North East Quincy Telephone Co.	Quincy.	1,112 15	48 00	18 76	14.5		32	48	2	50
798	North Emerson Telephone Co.	St. Louis.	500 50	179 83	178 83	5		10		22	22
799	North East Leslie No. 9 Tel. Co.	Leslie.	480 00	5 00	5 50	5.5		11	16		16
800	North Flushing Roadway Tel. Co.	Flushing.	150 00			10.75	1	12.75		17	17
801	North Grant & Hershey Telephone Co.	Hershey.				9	3.25	18		19	19
802	North Gibson Telephone Co.	Bentley.	475 00			5.5		11		18	18
803	No. Henrietta & So. Bunker Hill Tel. Co.	Munich.				3	3	6	7		7
804	North Marshall Telephone Co.	Ceresco.	500 00	111 80	100 36	8		8	1	7	8
805	North Hershey Telephone Co.	Hershey.	500 00		22 75	16		35		30	30
806	North Mayfield Telephone Co.	Lapeer.	25 00		25 00	14		28		15	15
807	North Morrice Telephone Co.	Morrice.	250 00	87 00	90 00	3.25		3.25	14		14
808	North Lake Telephone Co.										
809	North Line Telephone Co.										
810	North Line Telephone Co.	Evart.	87 00			2		4	9		8
811	North Line Telephone Co.										
	Norwell & Manchester Telephone Co.										

FIRST ANNUAL REPORT

SPECIAL CLASS D TELEPHONE UTILITIES OF MICHIGAN AS OF DECEMBER 31, 1919.—Continued.

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total operating revenues.	Total operating expenses.	Total miles of pole line owned.	Total miles of pole line leased.	Total miles of single wire.	Total number of telephones owned.	Total number of telephones owned by individuals.	Total number of telephones leased.	Total number of telephones in service.
812	North Oxford Rural Telephone Co.	Kingsley	\$340 00	\$14 00	\$12 82	3 75		11 5		14		14
813	North Paradise Telephone Co.	Quincy				11		11		35		35
814	North Quincy Telephone Co.	Scottville	140 00	80 75	71 37	5		10			10	10
815	North Riverton Telephone Co.	Leslie	350 00			3		6	6	12		11
816	North Rives & Leslie Telephone Co.											
817	North Rose Telephone Co.	Holly	31 25			.75	1	3 5			7	7
818	North Sherman Telephone Co.	Weidman	250 00	24 00	21 00	4 25	3	14 5			9	9
819	North Town Line Roadway Co.	Big Rapids	104 35		375 00	4 5		16 5		16	8	16
820	North West Bethany Telephone Co.	St. Louis	225 00	223 12	234 51	5	7	20		20		17
821	North West Rutland Telephone Co.	Hastings, R. 1.	195 64	102 13	100 66	3						
822	Northwestern Telephone Co.	Stephenson	152 00			4 5		9			8	8
823	North Western Telephone Co.	Ludington	150 00		83 87	2	2 5	15			9	9
824	North West Lafayette Telephone Co.	Breckenridge				3 5		7			9	9
825	Northwestern Rural Telephone Co.	Thomas	1,200 00	625 00	632 00	15 5	19 5	35		60	60	60
826	North Wheatland Ind. Telephone Co.	Remus	64 00		37 00	1 75		3 5		4	4	4
827	North Winfield Telephone Co.	Howard City	500 00		28 00	9	1	20	9	9	26	26
828	North West Quincy Telephone Co.	Quincy	300 00	369 16	369 88	3 25		7		21		21
829	Oak Grove Ind. Telephone Co.	Vestaburg	380 67			7		14			14	14
830	Oak Grove Roadway Telephone Co.											
831	Oakwood Roadway Co.											
832	O'Donnell Telephone Co. No. 939	Hastings, R. 3.	260 00		56 26	4	2 25	12 5	13	10		10
833	Okemos & Haslett Telephone Co.		1,000 00		80 00	3		6		15		15
834	Oliver Telephone Co.											
835	Omni Telephone Co.											
836	Oregon Central Roadway Co.	Lapeer	125 00	112 20	107 00	4 125	2 5	7			12	12
837	Orth Roadway Co.	Clare	53 21			2	4	4			12	12
838	Oscoda State Roadway Telephone Co.	West Branch	428 00	15 00	15 00	13		26			13	13
839	Otis Telephone Co.	Braham	400 00	25 00		7		14			10	10
840	Otter Creek Telephone Co.	Springport			93 70	2 5	1 5		9		1	1
841	Oroel Telephone Co.	Manistee	110 00			5		10			7	7
842	Oxford Rural Telephone Co.	Oxford	56 00	111 31	118 31	2 5	1 25	7 5			8	8
843	Palestine Telephone Co.	Stephenson	745 00	100 28	90 21	20		55		41	41	41
844	Paris Big Rapids Telephone Co.	Paris			119 00	7		14			12	12
845	Park Avenue Telephone Co.	Hersey	100 00			3		6			6	6
846	Parker & Spring Telephone Co.	Brooklyn	75 00			5		5	2	2		2

MICHIGAN PUBLIC UTILITIES COMMISSION

447	Partello Springs Telephone Co.	660 00	176 00	157 35	25	44	46
448	Peters Roadway Telephone Co.	234 00		2 5	18 5		18
449	Peach Lake Roadway Co.	321 00	75 00	2 25	10	9	9
450	Peach Grove Telephone Co.	110 00		3 50	2 5	13	13
451	Peach Grove Telephone Co.	110 00			2 5	5	8
452	Peninsula Telephone Ass'n	160 00	106 26	105 83	5 5	11	12
453	Pentland Roadway Telephone Co.	220 00					11
454	Peoples Telephone Co.	267 00		20 25	3 8	9	9
455	Perryville Mutual Telephone Co.	87 44		7 50	13	15	15
456	Perryville Ind. Telephone Co.	103 35		76 31	2 25	1	7
457	Phillips Roadway Co.	158 50		10 00	4 5	7 5	8
458	Pieron & Maple Valley Tel. Co.	243 35	121 55	105 50	2 5	14	19
459	Pine Creek Telephone Co.	230 00			1 5	11	11
460	Pine Grove Roadway Co.						
461	Pine River Telephone Co.						
462	Pine Lake Peninsula Telephone Co.	800 00	467 26	369 16	11 75	54	31
463	Pine River Ind. Telephone Co.	100 00		25 55	3 5	7	12
464	Pine River Telephone Co.				5	24	10
465	Pine River Telephone Co.	40 00	69 50	69 50	3	8	10
466	Pine River Telephone Ass'n		894 44	845 29	51	2	133
467	Pine River Telephone Co.	450 00			13	26	37
468	Pine River Telephone Co.	224 00		170 00	3	8	8
469	Piora Township Telephone Co.	245 00		120 00	1 5	3	13
470	Pioneer Telephone Co.	160 00	26 00	26 00	3	7	7
471	Pitt Lake Telephone Co.	190 45			3 5	7	10
472	Plank Road Roadway Co.	92 32		4 50	1 25	2 75	12
473	Plank Road Ind. Telephone Co.	50 00				2 5	12
474	Plank Roadway Telephone Co.	150 00	7 00	13 45	7	14	15
475	Pleasant Hill Telephone Co.	450 00	184 00	184 00	15	35	35
476	Pleasant Hill Roadway Co.	100 00		1 00	6	12	14
477	Pleasant Ridge Telephone Co.	207 46		69 35	4 5	2 25	12
478	Pleasant Rural Telephone Co.	260 00	300 00	260 00	26	40	32
479	Pleasant Valley Roadway Tel. Co.	350 00		157 00	14	14	15
480	Pleasanton A. R. Citizens Tel. Co.	250 00	120 00	120 00	11 5	23	35
481	Pleasanton A. R. Citizens Tel. Co.				2	1 5	14
482	Pleasant Lake Telephone Co.	600 00	30 00	30 00	8	2	12
483	Poggy & West Ewart Telephone Co.	438 75	31 00	11 24	17	40	34
484	Porter Township Telephone Co.	300 00	170 00	170 00	5 5	28	14
485	Port of Ada Farmers Telephone Co.	90 12			2	4	6
486	Powell Roadway Co.	200 00			2 5	7	10
487	Portage Lake Telephone Co.	600 00	45 90	45 90	12	14	17
488	Portville-Oondaga & Leslie Tel. Co.				7	20	16
489	Portville Telephone Co.	3,992 00	3,468 64	3,242 67	70 375	16	195
490	Prescott Telephone Co.	550 00	920 00	687 00	5	13	30
491	Progressive Telephone Co.	13 00		13 00	4	8	13

FIRST ANNUAL REPORT

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total operating revenues.	Total operating expenses.	Total miles of pole line owned.	Total miles of single wire.	Total number of telephones owned.	Total number of telephones owned by individuals.	Total number of telephones leased.	Total number of telephones in service.
892	Pug St. Roadway Co.	St. Clair		\$987 44	\$89 00	2	5			10	10
893	Pullman Mutual Telephone Co.	Pullman		73 25	1,052 39	30	40		91	95	10
894	Pullman Telephone Co.	St. Clair	\$180 00		73 25	3	5 0			10	10
895	Pulaski Telephone Co.	Fergus	80 00		76 00	1 5	3			9	9
896	Quarantine Roadway Co.	Holly			59 50	2	4			7	7
897	Quick Roadway Telephone Co.	New Baltimore	16 00	125 91	120 55	1 5	6 25			6	6
898	Quick Road Telephone Co.	Elwell	138 40	110 50	92 33	2 75	5 25			10	10
899	Quick Ind. Telephone Co.	Evart	175 00	240 00	165 00	2 5	6 5			20	20
900	Ranssey's Telephone Line.	Sault Ste. Marie	200 00		93 00	2 5	13			9	9
901	Ranssenville Roadway	LeRoy	254 15			5 5	11			16	16
902	Randolph Telephone Co.	St. Clair	171 00			2	20			18	18
903	Ranger Line Telephone Co.	River Junction		37 50	180 00	30	6		9	7	7
904	Raney Telephone Line.	Breckenridge	500 00	405 10	426 10	8	40		37	52	52
905	Rathbone Ind. Telephone Co.	New Haven	1,004 56				360		145	145	145
906	Ray Center Telephone Co.	Reading		1,683 68	1,632 12	47					
907	Reading Telephone Co.	Cross Village		324 00	315 00	21	42			27	27
908	Reno Farmers Telephone Co.	Breckenridge	800 00		60 00	9	32		35	35	35
909	Redmond Twp. Telephone Co.	Remus	612 50	121 50	105 20	8	25		22	22	22
910	Redstone Ind. Telephone Co.	Albion	514 00				8			11	11
911	Remus & Titus Ind. Telephone Co.	Frankenmuth, R. 1	150 00	80 00	80 00	4	13			10	10
912	Riceville Roadway Co.	Riga	512 31	770 00	650 00	15	40		107	107	107
913	Rice Roadway Telephone Co.	Algonac				6	12			10	10
914	Riga Farmers Mutual Telephones Co.	Marion, R. 3		232 60	191 35	52	52			125	125
915	Richardson Telephone Co.	Breckenridge	1,950 00			5	3			7	3
916	Richland Twp. Telephone Co.	Sault Ste. Marie	32 00				7			3	3
917	Ridge Ind. Telephone Co.	Sault Ste. Marie	201 60		147 00	4	18		15	14	14
918	Ridge Road Telephone Co.	McBain	462 00			6	12			15	15
919	Riverside Roadway Co.	Utica	200 00	222 50	165 39	8	20			22	22
920	Riverside Telephone Co.	Sault Ste. Marie	400 00		140 00	4	18			14	14
921	Riverside Roadway Co.	Spring Lake		99 00	99 00	3	4 or 5			10	10
922	Riverside Roadway Co.	River Road					10 to 12			10	10
923	Riverside Roadway Co.	River Road					10 to 12			10	10
924	River Roadway Co.	River Road					10 to 12			10	10
925	River Roadway Co.	River Road					10 to 12			10	10
926	River Roadway Co.	River Road					10 to 12			10	10

927	River Valley Roadway Co.	92 00	92 00	92 00	92 00	7	3	14	9	10	10
928	Riverton Central Telephone Co.	100 00	100 00	56 00	56 00	6	12	9	13	13	13
929	Rock Lake Ind. Telephone Co.	100 00	100 00	10 00	10 00	5	3	16	10	10	10
930	Roadway Telephone Co.	100 00	100 00	3 00	3 00	2	3	4	10	10	15
931	Rondo Roadway Telephone Co.	100 00	100 00	116 50	116 50	11	3	28	15	15	15
932	Rose Center Telephone Co.	200 00	200 00	12 00	12 00	7.5	2	15	6	15	15
933	Rose Lake Telephone Co.	480 00	480 00	12 00	12 00	9.5	2	22	18	18	24
934	Roadway Circuit No. 75										
935	Royal Telephone Co.										
936	Roadway Tel. Co., District No. 6.	75 00	75 00	44 00	44 00	1.5	2.5	9	10	10	10
937	Rural Cooperative Telephone Co.	1,035 55	182 30	176 27	176 27	8.75	3.25	43 87	2	22	22
938	Rural Roadway Telephone Co.	312 23	134 34	135 59	135 59	5	5	8 20	11	11	11
939	Russian Street Co.	252 30	36 00	36 00	36 00	3.5	3.5	12	12	12	12
940	Rutland Telephone Co.	670 90	200 50	198 90	198 90	11	9	35	28	28	28
941	Rutland & Irvin.	83 90		83 90	83 90	9	9	18	14	14	14
942	Rural Telephone Co.		4,938 22	5,000 00	5,000 00	90	3.5	194	336	27	363
943	St. Clair Roadway Co.					3.5	3.5	7	9	9	9
944	St. Clair River Telephone Co.	375 07	75 00	62 43	62 43	4.5	5	9	19	19	19
945	St. Helena Developing Co.										
946	Sage Roadway Co.	286 20	68 00	62 00	62 00	3.5	7	12	12	12	12
947	Sault Telephone Co.	125 00		85 00	85 00	1.75	5	10	7	9	9
948	Sawyer Telephone Co.	350 00	29 00	63 40	63 40	6	16	12	9	7	14
949	Sault River Ind. Telephone Co.	350 00	36 00	22 50	22 50	8	16	16	10	10	10
950	Scott Lake Telephone Co.	442 75	10 00	7 35	7 35	7.5	7.5	16	21	21	21
951	Seymour Roadway Co.	286 00				4	4	8	8	8	8
952	Shafaburg & Williamston Tel. Co.	658 11	216 39	185 39	185 39	7	6	26	21	18	18
953	Shaw Roadway Co.	63 00	63 40	63 40	63 40	2	16	12	9	9	9
954	Shelby Roadway Co.	203 99				5.5-8	1	19 25	10	10	10
955	Sheridan Roadway Telephone Co.	351 00	80 00	66 48	66 48	6	4	14	11	15	15
956	Sheridan Center Ind. Telephone Co.	309 55	12 00	10 00	10 00	4.75	1	12	13	13	13
957	Sherman District No. 3 Tel. Co.	120 00		93 00	93 00	6	6	12	12	12	12
958	Sherman Telephone Co.	108 00		97 26	97 26	3.5	6	19	10	10	10
959	Sherman City Rural Telephone Co.	358 75		32 26	32 26	11	6	25	33	32	32
960	Shore Line Rural Telephone Co.	1,875 00	365 97	244 44	244 44	22	3	44	52	48	48
961	Shulls Telephone Co.		100 71	100 71	100 71	1	3	26	12	12	12
962	Shunk Roadway Co.	252 00	69 00	69 00	69 00	3	1	6	7	7	7
963	Silver Creek Roadway Telephone Co.	275 00		150 00	150 00	5	1	11	17	17	17
964	Spinks Corners Telephone Co.	7,341 00	1,925 00	2,075 00	2,075 00	25	130	150	8	122	122
965	Strine Ind. Telephone Co.	116 00	60 00	60 00	60 00	3	1.5	12	8	8	8
966	Stable Telephone Co.					4	1.5	8	10	9	9
967	Slingerland Roadway Telephone Co.	390 00	175 22	153 77	153 77	4	4	18	19	19	19
968	Smith Roadway Co.	155 00	87 00			1.75	6	3.5	10	10	10
969	Smith Roadway Co.										
970	Smith Creek Telephone Co.		12 00	68 50	68 50		6	6	4	4	4
971	Somerset Center Rural Cooperative Switchboard		275 99	379 44	379 44	40	40	40	90	90	90

FIRST ANNUAL REPORT

SPECIAL CLASS D TELEPHONE UTILITIES OF MICHIGAN AS OF DECEMBER 31, 1919.—Continued.

No.	Name of company.	Location of principal office.	Investment of plant and equipment.	Total operating revenues.	Total operating expenses.	Total miles of pole line owned.	Total miles of pole line leased.	Total miles of single wire.	Total number of telephones owned.	Total number of telephones owned by individuals.	Total number of telephones leased.	Total number of telephones in service.
972	South Arcadia Roadway Telephone Co.	Ithaca, R. 7	\$120 00		\$50 00	3.5		7	10	10		10
973	South Bennington Telephone Co.	Morrice				2		4		10		8
974	South Bend Telephone Co.	New Buffalo	80 00			3	1	8			1	2
975	South Bethany Telephone Co.	Harrietta	220 70	\$192 50	192 50	3 1-3	1	9 1-3			17	17
976	South Bethany Telephone Co.	St. Louis, R. 1										
977	South Breckenridge Telephone Co.	Breckenridge	152 00	105 48	105 48	3.5		7		18		18
978	So. Dunkerhill & No. Henrietta Tel. Co.	Stockbridge		120 00	120 00	10		20		14		14
979	South Burns Roadway Co.	Byron	85 00		85 00	2.5		5			12	12
980	South Columbus Telephone Co.											
981	South Deerfield Telephone Co.	Morley	322 17	140 00		5.5	5	11		20		20
982	South Emmett Telephone Co.	Ceresco	800 00	200 00	192 98	8.5		19	24	1		25
983	South East Avon Roadway Tel. Co.	Rochester	200 00			1.75	3.5	11		9		9
984	South East Lincoln Farmers Tel. Co.	Reed City	190 00		140 00	3	2			19		19
985	South East Leslie No. 9 Tel. Co.	Leslie	500 00			5.5		11		16		16
986	South East Wheeler Ind. Tel. Co.	Merrill	111 33		13 45	3.5	3	13			12	12
987	South End Telephone Co.	West Branch	35 60	63 00	63 00	3	3	6		9		9
988	South Ford River Telephone Co.											
989	South Fulton Ind. Telephone Co.	Maple Rapids	444 00		56 32	3.5		7		12		12
990	South Galien Twp. Roadway Co.	Galien	300 00	160 00	118 00	7.5		23	3	24		27
991	South Gibson Mutual Telephone Co.	Bentley	600 00	54 50	52 40	12.25		24.5			36	36
992	South Grant Township Telephone Co.	Freeoil	145 00		6 00	4	3	15		11		11
993	South Graveland Roadway Tel. Co.	Holly	10 00	4 00		5	5	10		9		9
994	South Minton Telephone Co.	Lakeview	435 04	85 00	85 00	6		12		17		17
995	So. Manchester Lines Nos. 70, 71, 83	Manchester	500 00	51 65	33 60	10		30		29		29
996	South Newkirk Telephone Co.	Luther	150 00			5		10		7		8
997	South Rutland Center Tel. Co.	Hastings	175 00	93 85	93 80	4	4	16		12		12
998	South Rose or 93 Holly Exchange	Holly	125 00			4	4	8		13		13
999	South Sidney Telephone Co.	Sidney	500 00		90 00	20	1	40	40			40
1000	South Town Line Roadway Tel. Co.	Metamora	225 00			3	9	24		7		7
1001	South West Springfield Tel. Co.	Davisburg	300 00	7 50	5 00	4.5	6	21		12		12
1002	South West Vernon Telephone Co.	Rosebush	500 00		10 00	4.5	4.5	18		3		14
1003	Springborn Roadway Co.	Marine City, R. 3	198 75		2 00	2		11.5		14		14
1004	Springbrook Telephone Co.	Springport	320 00	75 00	72 50	6	1.5	7.5		19		18
1005	Springbrook Telephone Co.	Cedar	150 00			2.5	2.5	10		9		9
1006	Spring Creek Roadway Tel. Co.	Three Oaks	350 70	350 70	350 70	8	1.5	16		21		21

1007	Spring Arbor Telephone Co.	3,742 00	2,143 28	2,440 66	10	150	152	152	152
1008	Springport Telephone Co.	800 00	119 00	118 48	20	30	25	20	19
1009	Springvale Telephone Co.	500 00	190 00	146 00	10	20	20	20	20
1010	Standish Township Telephone Co.	115 13	36 00	36 00	1	2	8	8	8
1011	Star Telephone Co.								
1012	Star Line Telephone Co.	164 44	165 55	147 31	7	14	16	16	16
1013	Star Rural Ind. Telephone Co.	487 81	1 00	4 60	10	20	16	20	16
1014	Star Tel. Co. of Arenac Twp., Arenac Co.	600 00	21 25	16 71	4	8	20	20	20
1015	Star Ind. Telephone Co.	233 89			1.5	4	11	11	11
1016	Star Mutual Telephone Co.	180 00	105 62	70 22	9	9	1	17	18
1017	Star Telephone Co.								
1018	Star Telephone Co.								
1019	Starville Roadway Co.	1018	81 11	48 00	7	11	22	13	13
1020	State Roadway Telephone Co.								
1021	State Road Roadway Co.	180 00			10	39		21	21
1022	State Road Telephone Co.	110 00	88 20	88 20	7.25	14.5		10	10
1023	State Road Telephone Co.				2	8		10	10
1024	State Road Telephone Co.	96 00			3	6		12	12
1025	State Road Telephone Co.	225 00	75 13	75 13	3	4.5		15	15
1026	State Road Ind. Telephone Co.	650 00	25 00	25 00	5	5		15	15
1027	Stevenson Lake Roadway Co.								
1028	Stevensberry Telephone Co.	3,500 00		579 65	1	7.25		16	16
1029	Stone Telephone Co.	110 00	11 24	3 50	2.5	117		56	56
1030	Stony Point Telephone Co.	237 00		68 40	2.5	5		11	11
1031	Stony Run Telephone Co.	405 00			8.5	15		13	13
1032	Stringer Lake Telephone Co.	141 00	77 00	82 00	2.5	22		18	18
1033	Stromach Lake Tel. Co.	1,000 00	57 00	50 00	30 to 35	5		11	11
1034	Sturgeon Creek Telephone Co.	400 00	147 00	96 00	9	60 to 70		19	19
1035	Suburban Telephone Co.	91 00	60 00	60 00	2	18		17	17
1036	Sub Roadway	8 09	60 00	95 00	4	1		8	8
1037	Summersville Telephone Co.	777 86	124 75	129 20	14.5	4.5		12	12
1038	Stockbridge-Fitchburg Tel. Co.	324 00	324 00	355 84	11	29		26	26
1039	Stockbridge Munnich Central Tel. Co.	630 00	90 00	90 00	10	34		36	36
1040	Sunny Side Roadway Co.	180 00	95 13	95 13	8.5	10		20	20
1041	Sunny Side Mutual Telephone Co.	350 00				8.5		21	13
1042	Swanton No. 1 Rural Telephone Co.	611 45	104 26	86 57	5.75	5		20	20
1043	Swedish Telephone Co.	121 85	95 20	95 20	3.5	3.5		9	9
1044	Swedish Telephone Co.	160 00	14 00	8 00	3	2		11	11
1045	Ten Mile Roadway Co.	140 00			3	11		9	9
1046	Thomson Roadway Co.	40 00							
1047	Thompson Telephone Co.	300 00			5	10		12	12
1048	Toledo Beach Home Telephone Co.	2,500 00	227 86	76 39	15	30		8	8
1049	Township Exchange	100 00	20 00	6 00		3		13	13
1050	Townships Exchange	63 00	4 40	6 00	5	7		17	17
1051	Town Line Ind. Telephone Co.	429 19	35 33	5 42	5.25	7.25			

SPECIAL CLASS D TELEPHONE UTILITIES OF MICHIGAN AS OF DECEMBER 31, 1919.—Continued.

No.	Name of company.	Location of principal office.	Investment, of plant and equipment.	Total operating revenues.	Total operating expenses.	Total miles of pole line owned.	Total miles of pole line leased.	Total miles of single wire.	Total number of telephones owned.	Total number of telephones owned by individuals.	Total number of telephones leased.	Total number of telephones in service.
1052	Townline Telephone Co.	New Haven.	\$120 00	\$70 00	\$70 00	2.5	1	7			10	10
1053	Town Line Telephone Co.	Ashley	100 00	35 00	11 30	2.6		5.2		8		7
1054	Town Line Telephone Co.	White Cloud.	200 00	20 00	45 00	7		14			7	
1055	Town Line Telephone Co.	Sears.	253 70	20 00	16 21	5.5		11			13	13
1056	Town Line Telephone Co.	Big Rapids.	60 00			2.5		5			8	8
1057	Townline & Lakeview Telephone Co.	Lakeview	237 32		26 28	5.5		11		11		10
1058	Town Line Roadway Telephone Co.	Bozette City	121 89		3 00	3.25		6.5			9	9
1059	Town Line Roadway Co.	St. Clair	150 00	12 00	8 00	2.5	3.5	9			15	15
1060	Town Line Roadway Co.	Fushing.	81 15			.5	2.5	6			7	6
1061	Town Line Road Co.	Manchester.	202 00		70 00	5.5	2.5	14			10	10
1062	Town Line Telephone Co.	Breckenridge.	300 00	252 00	249 00	6.5	1.5	13			22	22
1063	Town Line Telephone Co.	Sand Lake.	500 00		15 00	7		14		18		19
1064	Town Line Roadway Co.	Scottville.	137 68	137 68	137 68	.25	4	8.5			11	11
1065	Town Line Roadway Co.	Tawas City.	150 00	7 80	6 00	6.6		13			15	15
1066	Town Line Telephone Co.	Lake	212 73			11.5		23			19	19
1067	G. S. Townsend.	Six Lakes.	876 38	754 00	402 93	19		38	63		8	63
1068	Trap Rock Mutual Telephone Line.	Lake Linden.	98 00			4.5		9				8
1069	Tri County Telephone & Supply Co.	Seney.	2,115 34	312 12	208 92	22		35	32	21		17
1070	Tri County Telephone Co.	Month.				9		9				21
1071	Trout Creek Telephone Co.	Howard City.	405 00	199 07	168 54	8		16		22	6	28
1072	Trout Creek Roadway Telephone Co.	Big Rapids.	50 00		56 00	2	2	8			8	8
1073	Truitt & Long Lake Telephone Co.	Truitt.	750 00	241 25	171 59	8.5		17	34			34
1074	Twiss Roadway Co.	Kalamazoo.			67 00	2.25	1.5	3.75			9	9
1075	Union Telephone Co.	Falmouth.	600 00	376 00	376 00	12		14		44		44
1076	United Telephone Co.	Howell.	190 00	20 00	20 00	4		14			9	9
1077	Vantown & Mason Mutual Tel. Co.	Dausville.	1,600 00	361 50	266 89	20		47		47		40
1078	Van Tilberg Telephone Co.	Gallen.	200 00		50 00	4	1.25	8		11		11
1079	Valley Telephone Co.	Attica.	200 00	101 16	101 16	2	6	23			10	10
1080	Vernon Roadway Telephone Co.	Clare.										12
1081	Village Hill Telephone Co.	Fremont.	30 71	51 84	51 84	5-8		14			10	10
1082	Vine Street Roadway Co.	St. Clair.	104 00	7 50	7 12	6.5	1	13		8		8
1083	Wakeland Telephone Co.	Hunters Creek.	175 00	48 00	45 50	1.75		3.5			10	10
1084	Walnut Ridge Telephone Co.	Mason.	10 00									6
1085	Wallace Telephone Co.	Wallace.	650 00	477 16	462 70	10.5	1.75			22	7	27

1087	Walnut Lake Telephone Co.	300 00	5 00	4 5	4	17	10
1088	Walton Telephone Co.	1,000 00	601 53	7 6	20	15	17
1089	West Lake Telephone Co.	200 00	10 00	5	16	14	14
1090	Walden Telephone Co.	245 00	10 00	5	16	17	17
1091	Wambold District Telephone Co.	200 00	39 50	4 75	9	10	8
1092	Waterloo Central Telephone Co.	1,000 00	110 00	5	10	22	22
1093	Watkins Telephone Co.	270 00	90 00	8 5	8 5	18	18
1094	Watkins Telephone Co.	682 00	68 00	4 7	6	21	21
1095	Waukegan Telephone Co.	100 00	64 00	2 75	1 5	9	16
1096	Waukegan Telephone Co.	100 00	64 00	2 75	7	16	16
1097	Wellston Telephone Co.	950 00	144 00	21	42	13	13
1098	West Amber Telephone Co.	112 00	56 00	6	8	8	8
1099	West Antrim Telephone Co.	825 00	434 00	13	36	53	53
1100	West Argonne Telephone Co.	25 00	20 00	6 5	10	25	25
1101	West Attica Telephone Co.	98 00	98 00	4	16 5	14	14
1102	West Bellevue Telephone Co.	154 95	5 00	1 5	3	9	9
1103	West Dorris Telephone Co.	5 00	5 00	5	8	8	8
1104	West Evans Telephone Co.	195 00	94 01	4	7	12	12
1105	West Fern Hill Telephone Co.	195 00	94 01	4	7	12	12
1106	West Farmers Telephone Co.	135 00	3 00	1 5	2	8	8
1107	West Flushing Roadway Co.	179 00	150 00	4	7	17	17
1108	West Genesee Roadway Co.	1,062 00	176 64	13	31	32	32
1109	West Grout Roadway Co.	154 00	154 00	3 5	7	12	12
1110	West Line Telephone Co.	350 00	105 00	2 25	17	15	15
1111	West Lapeer Telephone Co.	186 50	130 00	8	13	15	15
1112	West Maple Grove Telephone Co.	100 00	130 00	8	10	12	12
1113	West Meadow Roadway Telephone Co.	186 50	130 00	8	10	12	12
1114	West Roadway Telephone Co.	100 00	130 00	8	10	12	12
1115	West Rosebush Telephone Co.	100 00	130 00	8	10	12	12
1116	West Rosebush Telephone Co.	100 00	130 00	8	10	12	12
1117	West Rutland Telephone Co.	750 00	163 00	8	23	23	23
1118	West Sidney Telephone Co.	700 00	65 00	5 5	16	17	17
1119	West Summit Telephone Co.	280 00	94 99	6	20	23	23
1120	West Town Line Telephone Co.	85 00	95 30	8 5	6	8	8
1121	West Traverse Roadway Co.	150 00	8 00	3 5	11 5	11	11
1121 1/2	West Utica Roadway Co.	123 21	60 00	5	7	8	8
1122	West Victory Telephone Co.	100 00	60 00	3	10	9	9
1123	West Williams Telephone Co.	100 00	60 00	3	7	9	9
1124	Whiskey Run Telephone Co.	210 00	229 73	45 75	41	41	41
1125	Whitfield Lake Telephone Co.	210 00	229 73	45 75	41	41	41
1126	White Oak Telephone Co.	50 00	58 00	3 25	10	10	10
1127	White River Rural Telephone Co.	980 00	33 50	9	19	23	23
1128	White River Valley Telephone Co.	300 00	58 00	7	14	16	16
1129	Whitfield Center Telephone Co.	300 00	58 00	7	14	16	16
1130	Wilber Roadway Telephone Co.	300 00	58 00	7	14	16	16

—

TELEPHONE COMPANIES JUST
ORGANIZED.

INDEX.

INDEX.

A.	
Accidents, year ending December 31, 1919:	Page
Steam and Electric Railroads.....	25
Act creating the Michigan Public Utilities Commission.....	5
B.	
Bonds, Stocks, etc., authorized by the Commission:	
Light, Gas, Water and Power Companies.....	21
Miscellaneous Public Utilities Corporations.....	22
Steam and Electric Railways.....	21
Telephone Companies.....	22
Bridge Companies, Statistics of (Same as Steam Railroads).....	42-171
C.	
Capital Stock:	
Authorized by Commission.....	21-22
Bridge, Depot and Tunnel Companies.....	63
Express Companies.....	202
Steam Railroads.....	63
Commission and Staff.....	3
Crossing protection.....	35
Construction-New.....	14
Crossings of Highways and Railroads authorized.....	34
D.	
Damage to Railroad property in Michigan.....	25
Depot Companies (same as steam roads), Statistics of.....	42-171
E.	
Earnings of:	
Electric Railways—Operating Revenues.....	188-191
Miscellaneous Income.....	186-187
Express Companies—Operating Revenues.....	205
Other Income.....	203
Operations other than transportation.....	205
Steam Railroads—Operating Revenues.....	98-101
Non-operating income.....	78-80
Electric Railways, Mention of.....	11
Electric Railways:	
Bonds authorized.....	21
New Construction.....	14
Electric Light and Power Companies.....	12
Employees and Salaries:	
Electric Railways.....	197
Steam Railroads.....	106
Expense of Operations:	
Electric Railways.....	191
Express Companies.....	203
Steam Railroads.....	98-100
Expenses of Commission.....	17
Express Companies, Statistical Tables.....	202-211
F.	
Fees from sale of maps, etc.....	18
Fees on Security Authorizations.....	10
Free or reduced rate transportation.....	17
Freight Statistics:	
Steam Railroads.....	156
Freight originating during year in Michigan, Revenue.....	158
Funded Debt:	
Bridge, Depot and Tunnel Companies.....	66-69
Electric Railways.....	182
Express Companies.....	203
Steam Railroads.....	66-69

G.	
Gas Companies:	Page
Bonds authorized.....	21
Gas Utilities.....	13
Grade Crossing Protection ordered during the year.....	35
I.	
Issuance of Securities.....	21-22
Incorporations, Consolidations, Reorganizations and Conveyances.....	15
L.	
Light Companies:	
Bonds authorized.....	21
Operating Expenses.....	214
Operating Revenues.....	214
M.	
Members and Officers of the Commission.....	3
Mileage operated:	
Electric Railways.....	192-193
Express Companies.....	202
Steam Railroads.....	104-106
Mileage and Traffic Statistics:	
(See Statistics of Rail line operations.)	
Miscellaneous Public Utility Corporations:	
Bonds authorized.....	22
Michigan Public Utilities Commission, Act creating.....	5
N.	
New Construction.....	14
Notes and other evidences of indebtedness authorized.....	21-22
O.	
Officers of Commission, Members and.....	3
Orders and permits issued during 1919.....	27
Approval of Interlockers.....	39
Approval of Maps.....	37
Approval of Plans for Interlockers, etc.....	37
Crossings of Highways and Railroads.....	39
Crossings of Railroad with Railroad.....	38
Grade Crossing orders.....	35
Miscellaneous.....	38-39
Station Facilities.....	38
Wire crossing permits.....	28
Safety Devices.....	39
Orders and Opinions, Mention.....	4
P.	
Passenger Statistics:	
Electric Railways.....	194
Steam Railroads.....	118-157
Physical property investment:	
Bridge, Depot and Tunnel Companies.....	42
Electric Railways.....	174
Express Companies.....	206
Steam Railroads.....	42
Power to Change Rates.....	8
Power Companies; Water and Bonds authorized.....	21
Production Statistics—Electric—Steam Power.....	220
Public Utility Corporations, Miscellaneous Bonds authorized.....	22
Q.	
Qualified Trainmen, Pertaining to.....	17
R.	
Railroads abandoned.....	15
Reorganization of Railroads.....	15
Reduced Rate Transportation, Free or.....	17
S.	
Station Output—Electric energy.....	226
Steam Railroad Companies.....	11

INDEX.

271

Steam Railroads:	Page
Bonds authorized.....	21
New Construction.....	14
Statistical Tables—Bridge, Depot and Tunnel Companies (Reported with Steam Railroads) .	43-171
Statistical Tables—Electric Light and Power	
No. 1—Income Statement.....	214-231
No. 2—Production—Steam Power.....	220
No. 2a—Hydro Electric Station Data.....	222
No. 3—Station output:	
Steam.....	226
Hydraulic.....	228
Statistical Tables—Electric Railways.....	174-211
No. 1—Balance Sheet, Assets.....	174
Balance Sheet, Liabilities.....	176
No. 2—Road and Equipment.....	179
No. 3—Capital Stock.....	181
No. 4—Unmatured Funded Debt.....	182
No. 5—Profit and Loss.....	183
No. 6—Income Statement.....	185-187
No. 7—Railway Operating Revenues.....	188-190
No. 8—Railway Operating Expenses.....	191
No. 9—Miles of Road Operated.....	192
No. 10—Mileage, Traffic and Miscellaneous Statistics.....	194
No. 12—Employees.....	197
No. 13—Description of Equipment.....	198-200
Statistical Tables—Express Companies.....	202-211
Mileage covered.....	202
Capital Stock.....	202
Operating Expenses.....	206
Operating Revenues.....	205
Income Account.....	203
Balance Sheet.....	211
Financial Paper issued.....	211
Equipment owned.....	210
Profit and Loss.....	204
Statistical Tables—Steam Roads.....	42-171
No. 1—Balance Sheet, Assets.....	42-50
Balance Sheet, Liabilities.....	51-63
No. 3—Capital Stock.....	64-65
No. 4—Unmatured Funded Debt.....	66-69
No. 5—Profit and Loss Account.....	70-73
No. 6—Income Account for the year.....	74-97
No. 7—Railway Operating Revenues.....	98-101
No. 8—Railway Operating Expenses.....	102-103
No. 9—Mileage operated in Michigan.....	104-107
New Line constructed.....	106
No. 10a—Steam Locomotive Equipment.....	108-109
No. 10b—Freight Car Equipment.....	110-113
No. 10c—Passenger-train Car Equipment.....	114-117
No. 11—Statistics of Rail line operations, Michigan.....	118-151
No. 11x—Statistics of Rail line operations, Michigan—Class III.....	152-157
No. 12—Freight originating during year, Michigan.....	158-167
No. 13—Employees and their compensation.....	168
No. 14—Consumption of Fuel.....	170
Statistics of Rail line operations within the State—Steam.....	118-151
Statistical Tables—Telephone Companies.....	233-266
Stocks, Bonds and Other evidences of Indebtedness authorized.....	19

T.

Taxes:	
Bridge, Depot and Tunnel Companies.....	93-95
Electric Railways.....	185
Express Companies.....	203-204
Steam Railroads.....	93-95
Telephone Companies:	
Bonds, etc., authorized by Commission.....	22
Telephone Utilities.....	13
Traffic and Mileage Statistics:	
Electric Railways.....	194-197
Trainmen, Pertaining to qualified.....	17
Tunnel Companies (Same as Steam Roads):	
Statistics of.....	42-171

W.

Wire Permits issued during the year.....	28-33
--	-------

